

IZUHAN[®]

Products catalogue



IZUHAN[®]

nexler[®]

izolmat

IZOLEX[®]

IZOHAN®

Professional
Waterproofing
Systems

together 30 years



Izohan is a Polish, dynamically developing company set up in 1989. By introducing modern technologies and solutions it has become a market expert in waterproofing and construction chemicals.

Since 2006 the company has been working within the structure of the Atlas Group. Currently it unites five brands: **IZOHAN, IZOLEX, IZOLMAT, NEXLER** and **IZOLMIX**. Izohan brings the widest range of construction chemicals and waterproofing products available on the market, it offers hundreds of system solutions supporting the contractors at any stage of the investment process.

Izohan offers, i.a. sealing micro-mortars, epoxy materials, bitumen masses, PCC mortars, impregnants, products for renovation and fumigation, polyurethane foams, PVC membranes, shingles and bitumen roll materials.

Izohan is a modern company assuring repetitiveness of the processes as well as the highest quality products confirmed by numerous trade and industrial awards and prizes.

*Izohan products
build the world around us!*



Consumer Quality Leader



Building Company
of the Year



Construction Designer of the Year



Pomeranian Employer of the Year



Gold Emblems QI



Golden Payer
Certificate



Fair Play Company



Forbes Diamond

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Available packages:



IZOHAN DYSPERBIT

dispersion asphalt-rubber mass, Dn

► **Use:** renovation and conservation of roofing coatings; damp proofing; execution of jointless roofing coatings reinforced with technical fabrics; execution of jointless roofing coatings on base coat underlay made of single roofing membrane layer; priming mineral substrates beneath main insulation after diluting with water in 1:1 ratio.

► **Properties:** easy and quick in use [ready-to-use]; can be used on dry and damp substrates; very good adhesion to mineral substrates and roofing membranes; with thixotropic properties; solvent-free; watertight; resistant to atmospheric factors.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	priming 0.2 kg/m ² damp proofing 1.5 kg/m ² /mm roofing coatings 0.5 kg/m ² per coat
Temperature of use	from +5°C up to +25°C (product and substrate)
Technological break between application of subsequent coats	approx. 5 h
Technical Approval	IBDiM AT/2005-03-1953/3
In compliance with	PN-B-24000



Available packages:



IZOHAN DYSPERBIT

premium ROOF

► **Use:** restoration and maintenance of roofing; jointless roofing reinforced with technical textiles; jointless roofing on underlay made of single layer membrane; priming mineral substrates for proper insulation after dilution with water at 1:1 ratio.

► **Properties:** characterised by very good adhesion to mineral substrates and roofing membrane; may be used on dry or wet substrate; exerts thixotropic properties; cold application [allows execution of works without the use of open flame], solvent-free [safe upon contact with polystyrene]; forms a uniform, elastic coating; resistant to weather conditions.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	approx. 0.3 kg/m ² for priming; approx. 0.5 kg/m ² /layer for roofing membrane maintenance; approx. 1.5 kg/m ² for technical textiles blending
Temperature of use	from +5°C to +25°C
Resistance to rain	after approx. 5 h
Compliance with standard	PN-B-24000:1997



Available packages:



IZOHAN DYSPERBIT

premium FOUNDATION

► **Use:** seamfree damp-proof and waterproof coatings [medium type] in the underground and ground parts of the building; [EPS and XPS]; insulation for floors in basements and garages, for insulating foundation, for adhering insulation board.

► **Properties:** has excellent adhesive properties and excellent adhesion to mineral substrates both dry and wet; quick and easy application [ready-to-use]; solvent-free [safe in contact with polystyrene]; reduces the number of operations in the performance of damp proofing course, highly-modified with rubber; has thixotropic properties, resistant to aggressive substances in the ground.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	approx. 1.5 kg/m ² /mm in the performance, 14.5 kg/m ² in insulating boards bonding
Temperature of use	from +5°C to +25°C
Resistance to rain	after approx. 3 h
Compliance with standard	PN-B-24000:1997



Available packages:



IZOHAN DYSPERBIT

premium PRIMER

► **Use:** priming of mineral substrates prior to application of the actual insulation upon dilution with water at 1:2 ratio [water:DYSPERBIT premium PRIMER] for non-absorbent substrates, so-called waterproof concretes; priming mineral substrates prior to the application of the proper insulation upon dilution with water at 1:1 ratio [water:DYSPERBIT premium PRIMER] for absorbent substrates.

► **Properties:** very good adhesion to absorbent and non-absorbent substrates; can be used on a dry or wet substrate; dries quickly; quick and easy application [ready-to-use]; solvent-free [safe in contact with polystyrene]; resistant to weather conditions.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	approx. 0.2 kg/m ² concentrate
Temperature of use	od +5°C do +25°C
Resistance to rain	after approx. 3 h
Compliance with standard	PN-B-24002:1997/Apt:2001

IZOHAN WL

dispersion asphalt-rubber mass, Dn



Available packages:



- ▶ **Use:** fixing hard polystyrene boards (EPS); priming mineral substrates beneath main insulation in IZOHAN W system (after diluting with water in 1:1 ratio); execution of jointless damp proofing of underground building elements.
- ▶ **Properties:** very good fixing properties and adhesion to mineral substrates; easy and quick in use (ready-to-use); can be applied with a paint brush, a float or a roofing brush; solvent-free; watertight; forms insulation resistant to atmospheric factors.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	priming 0.2 kg/m ² damp proofing 0.6 - 0.8 kg/m ² per coat EPS fixing 1.0 - 1.5 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time/ resistance to rain	up to 6 h/after 6 h
Technical Approval	IBDIM AT/2005-03-1953/3
In compliance with	PN-B-24000

IZOHAN WK

dispersion waterproofing and adhesive mass, Dn



Available packages:



- ▶ **Use:** fixing EPS and XPS boards onto non-absorptive substrates (sheet), absorptive ones (concrete) and polystyrene boards between themselves; fixing one- and two-side bitumen-laminated polystyrene boards and asphalt membranes to concrete substrates and between themselves in multi-layer waterproofing; execution of waterproofing coats; fixing membranes to polystyrene; fixing hard mineral wool panels.
- ▶ **Properties:** very good fixing properties; very good adhesion to concrete substrates, sheet, roofing membranes, etc.; solvent-free; watertight; easy and quick in use (ready-to-use); can be applied with a float or a spatula.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	0.8-1.3 kg/m ²
Temperature of use	from +10°C up to +25°C
Coat forming time	up to 6 h
Strength peeling membrane from polystyrene	no less than 17 N
In compliance with	PN-B-24000

IZOHAN WK plus

two-component dispersion asphalt-rubber mass, Dn-type



Available packages:



- ▶ **Use:** fixing EPS and XPS boards onto non-absorptive substrates (sheet, membrane), absorptive ones (concrete) and polystyrene boards between themselves; fixing one- and two-side bitumen-laminated polystyrene boards; fixing roofing membranes to polystyrene; fixing asphalt membranes to concrete substrates and between themselves in multi-layer waterproofing coats; fixing hard mineral wool panels; execution of waterproofing coats.
- ▶ **Properties:** gets adhesion properties in short time; perfect fixing properties; very good adhesion to absorptive and non-absorptive substrates; solvent-free (safe in contact with insulating boards of any type); easy and quick in use; can be applied with a float or a spatula.



Composition	component A: water dispersion of asphalts, rubbers and improvers component B: mineral filler
Consumption	0.8-1.3 kg/m ²
Temperature of use	from +5°C up to +25°C
Coat forming time	up to 6 h
Strength peeling membrane from polystyrene	approx. 18 N

IZOHAN WM

one-component dispersion waterproofing mass, KMB-type (thick coat), Bn



Available packages:



- ▶ **Use:** execution of main, jointless waterproofing of vertical and horizontal underground and ground level building elements of any type (foundation walls, basement walls, foundation slabs); fixing hard polystyrene boards (EPS); execution of vapour barrier (terraces, flat roofs); insulation of floors based on the ground; insulation of reversed terraces with IZOHAN EKO 2K.
- ▶ **Properties:** easy and quick in use (ready-to-use); does not require reinforcing insertions and leveling plaster; forms coatings of sufficient hardness and high elasticity; solvent-free; coats cracks; reinforced with microfibers; can be used on any mineral substrates; resistant to high water pressure (up to 0.8 MPa); can be used on dry and slightly damp substrates; resistant to aggressive substances commonly met in the ground acc. to PN-EN 206-1; safe in contact with polystyrene.



Composition	water dispersion of asphalts, fillers, rubbers and improvers
Consumption	1.5 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Coat forming time / resistance to rain	up to 4 h (for coat 1 mm thick) / after 12 h
Technical Approval	IBDIM AT/2005-03-1953/3
In compliance with	PN-EN-15814



Available packages:



IZOHAN WM 2K

two-component waterproofing dispersion, KMB-type (thick coat), Bn

- **Use:** insulation and protection of buildings and building elements located below the ground level against ground damp, pressureless water and water under pressure; execution of vapour barrier (terraces, flat roofs); insulation of floors based on the ground; insulation of reversed terraces with IZOHAN EKO 2K.
- **Properties:** dry component accelerates binding; resistant to high water pressure (up to 0.8 MPa); forms coatings of sufficient hardness and high elasticity; solvent-free; can be used on any mineral substrates; coats cracks; can be used on dry and slightly damp substrates; easy and quick in use; resistant to aggressive substances commonly met in the ground acc. to PN-EN 206-1.



Composition	water dispersion of asphalts and rubbers with mineral filler
Consumption	1,2-1,3 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Coat forming time / resistance to rain	approx. 4 h / after 2 h
Technical Approval	IBDiM AT/2011-02-2728/1
In compliance with	PN-EN-15814



Available packages:



IZOHAN WM 2K plus

two-component waterproofing dispersion with polystyrene filling, KMB-type (thick coat), Bn

- **Use:** insulation and protection of buildings and building elements located below the ground level against ground damp, pressureless water and water under pressure.
- **Properties:** does not require reinforcing insertions and leveling plaster; resistant to high water pressure (up to 0.8 MPa); forms coatings of sufficient hardness and high elasticity; solvent-free; easy and quick in use; can be used on any mineral substrates; coats cracks; can be used on dry and slightly damp substrates; resistant to aggressive substances commonly met in the ground acc. to PN-EN 206-1.



Composition	water dispersion of asphalts and rubbers with polystyrene filler, mineral fillers
Consumption	1,1-1,3 l/m ² /mm
Temperature of use	from +5°C up to +25°C
Coat forming time / resistance to rain	approx. 4 h / after 3 h
In compliance with	PN-EN-15814



Available packages:



IZOHAN WB

dispersion asphalt-rubber mass, Dn

- **Use:** renovation and conservation of roofing coatings; reconstruction of membrane granules.
- **Properties:** regenerates and conserves roofing membranes; can be used on dry and damp substrate; with thixotropic properties; solvent-free; forms insulation resistant to atmospheric factors; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	0,25-0,50 kg/m ²
Temperature of use	from +5°C up to +30°C
Technological break between application of subsequent coats	min. 5 h
Drying time	approx. 5 h
In compliance with	PN-B-24000



Available packages:



IZOHAN WA

waterborne asphalt-rubber emulsion

- **Use:** priming mineral substrates beneath main insulation after diluting with water in 1:2 ratio (water: IZOHAN WA) for non-absorptive substrates; priming mineral substrates beneath main insulation after diluting with water in 1:1 ratio (water: IZOHAN WA) for absorptive substrates; execution of damp proofing coats.
- **Properties:** very good adhesion to non-absorptive and absorptive substrates; can be used on dry and damp substrate; easy and quick in use; solvent-free (safe in contact with polystyrene); watertight; resistant to atmospheric factors.



Composition	water dispersion of asphalts, rubbers and improvers
Consumption	priming: 0,2 kg/m ² damp proofing: 1,5 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	min. 5 h
Drying time	< 6 h
In compliance with	PN-B-24002



IZOHAN PENETRATOR G7

SBS-modified fast-drying priming solution



Available packages:



► **Use:** priming substrates beneath asphalt and asphalt-polymer membranes, heat-welded and self-adhesive ones; particularly useful for priming substrates beneath modified membranes; when applied in multiple coats can be used as damp proofing and protection of earth-sheltered wooden and metal elements.

► **Properties:** SBS-modified; fast-drying; perfect penetration into insulated surfaces; protects concrete against damp and corrosion; very good adhesion to mineral substrates; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.

Composition	mix of asphalts, solvents, fillers, SBS and other improvers
Consumption	approx. 0.2 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 30 min.
Technical Approval	IBDIM AT/2013-02-3022
In compliance with	PN-B-24620

IZOHAN Br

asphalt-resin priming solution



Available packages:



► **Use:** priming mineral and bitumen substrates made of asphalt membranes before application of the main asphalt insulation; application of anticorrosion coatings; conservation of corroded concrete surfaces (limits further concrete corrosion process).

► **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush; improves substrate adhesion; perfect penetration into insulated surfaces; protects concrete against damp and corrosion; very good adhesion to any mineral substrates.



Composition	mix of asphalts, solvents and improvers
Consumption	approx. 0.3 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 12 h
Technical Approval	IBDIM AT/2015-02-3187
In compliance with	PN-B-24620

IZOHAN SBS-Br

SBS-modified asphalt-resin priming solution



Available packages:



► **Use:** priming mineral and old coatings made of asphalt membranes before application of the main asphalt insulation; application of anticorrosion coatings, also on metal elements; conservation of corroded concrete surfaces (limits further concrete corrosion process).

► **Properties:** SBS-modified; perfect penetration into insulated surfaces; very good adhesion to mineral substrates; improves the substrates adhesion; forms coating resistant to atmospheric factors; protects concrete against damp and corrosion; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.



Composition	mix of asphalts, solvents, SBS and other improvers
Consumption	approx. 0.3 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 12 h
Technical Approval	IBDIM AT/2015-02-3187
In compliance with	PN-B-24620

IZOHAN B

asphalt-resin mass



Available packages:



► **Use:** conservation and renovation of roofing membranes.

► **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush; perfect penetration into insulated surfaces; forms coating resistant to atmospheric factors; regenerates and conserves asphalt roofing membranes.



Composition	mix of asphalts, solvents, fillers and improvers
Consumption	approx. 0.5 l/m ² per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
In compliance with	PN-B-24620



Available packages:



IZOHAN SBS-B

SBS-modified asphalt renovating mass

- ▶ **Use:** conservation and renovation of roofing membranes.
- ▶ **Properties:** SBS-modified; regenerates and conserves asphalt roofing membranes; forms coating resistant to atmospheric factors; keeps properties both in low and high temperature; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush.



Composition	mix of asphalts, solvents, fillers, SBS and other improvers
Consumption	approx. 0.4-0.6 l/m ² depending on the substrate condition
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
In compliance with	PN-B-24620



Available packages:



IZOHAN Gr

asphalt-polymer-resin coat

- ▶ **Use:** damp proofing of underground and ground level building elements in general and communication construction.
- ▶ **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a roofing brush; forms coating resistant to atmospheric factors; very good adhesion to concrete and brick.



Composition	mix of asphalts, resins, polymers, organic solvents, fillers and improvers
Consumption	approx. 0.7 l/m ² /per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
Technical Approval	IBDiM RT/2011-02-0080/1
In compliance with	PN-B-24620



Available packages:



IZOHAN SBS-Gr

SBS-modified, asphalt-polymer-resin coat

- ▶ **Use:** damp proofing of underground and ground level building elements in general and communication construction.
- ▶ **Properties:** SBS-modified; very good adhesion to any mineral substrates; forms coating resistant to atmospheric factors; watertight; easy and quick in use (ready-to-use); can be applied with a roofing brush.



Composition	mix of asphalts, resins, polymers, organic solvents, fillers, SBS and other improvers
Consumption	approx. 0.7 kg/m ² /per coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
Technical Approval	IBDiM RT/2011-02-0080/1
In compliance with	PN-B-24620



Available packages:



IZOHAN STYROTEX

SBS-modified, cold application adhesive

- ▶ **Use:** fixing roofing polystyrene boards (EPS), XPS boards as well as foam glass onto concrete, trapezoid sheet and existing membrane; adhering roofing asphalt membrane layers in multi-layer roofing; fixing one- and two-side bitumen-laminated thermal insulation boards onto mineral and bitumen substrates.
- ▶ **Properties:** SBS-modified; easy and quick in use (ready-to-use); can be applied with a float or a trowel; perfect adhesion properties; resistant to atmospheric factors, low and high temperature; particularly resistant to short and long term weathering; very good adhesion to mineral substrates, membranes and sheet.



Composition	mix of asphalts, dearomatized solvents, fillers, SBS and other improvers
Consumption	approx. 0.5 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 5 h
Adhesion ability - membrane to membrane	245 ± 11 N
In compliance with	PN-B-24620

IZOHAN SBS-tixo

SBS-modified asphalt-resin adhesive



Available packages:



► **Use:** fixing asphalt roofing membranes onto primed concrete substrates; adhering roofing asphalt membrane layers in multi-layer insulation; execution of damp proof, jointless building insulation in IZOHAN system; fixing mineral wool panels in flat roof thermal insulation.

► **Properties:** SBS-modified; easy and quick in use (ready-to-use); can be applied with a float or a roofing brush; perfect adhesion properties; resistant to atmospheric factors, low and high temperature; particularly resistant to short and long term weathering; very good adhesion to mineral substrates and membranes.



Composition	mix of asphalts, solvents, fillers, SBS and other improvers
Consumption	approx. 0.7 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
Adhesion ability – membrane with membrane	260 ± 11 N
In compliance with	PN-B-24620

IZOHAN Br-tixo

asphalt-resin adhesive



Available packages:



► **Use:** fixing asphalt roofing membranes onto primed concrete substrates; adhering roofing asphalt membrane layers in multi-layer insulation; fixing mineral wool panels in flat roof thermal insulation; execution of damp proof, jointless building insulation in IZOHAN system.

► **Properties:** easy and quick in use (ready-to-use); can be applied with a float or a roofing brush; perfect adhesion properties; forms insulation resistant to atmospheric factors; very good adhesion to primed mineral substrates and roofing membranes.



Composition	mix of asphalts, solvents, fillers and improvers
Consumption	approx. 0.7 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 24 h
In compliance with	PN-B-24620

IZOHAN R

insulating and decorative coating



Available packages:



► **Use:** outdoor execution of insulating and decorative silver colour coatings; onto asphalt roofing membranes; onto bitumen roofing shingles; for eternit sealing; for conservation of zinc coated sheet elements.

► **Properties:** watertight; easy and quick in use (ready-to-use); can be applied with a paint brush or a roofing brush; very good coating properties; reflects UV rays – reduces temperature in rooms beneath; forms silver colour coating resistant to atmospheric factors; very good adhesion to sheet, concrete and membranes.



Composition	mix of asphalts, polymers and aluminum flake-like pigments
Consumption	0,15-0,3 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	approx. 2 h
Technical Approval	IBDIM R1/2011-02-0080/1
In compliance with	PN-B-2404 ([1997/A], 2004)

IZOHAN filling mass

filling mass



Available packages:



► **Use:** supplementary material for vertical damp proofing of walls and foundations with IZOHAN system; filling gaps in roofing membranes; repairs of mechanically damaged substrates previously coated with damp proofing masses IZOHAN B, IZOHAN SBS-B; flashings sealing.

► **Properties:** forms coating of sufficient hardness and high elasticity; easy and quick in use (ready-to-use).



Composition	insulating asphalts, additives
Consumption	ok. 0.9 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Drying time	approx. 10 h
In compliance with	PN-B-24620



Available packages:



IZOHAN ROOFIX

roofing filling and repair mastic

- **Use:** filling and refilling gaps, repairs of roofing membranes (cracks, irregularities, blisters, leakages); supplementary material for vertical damp proofing of foundations with IZOCHAN system (e.g. for sealing any installation passes); flashing sealing and fixing; repairs of mechanically damaged substrates previously coated with damp proofing masses IZOCHAN B or IZOCHAN SBS-B.
- **Properties:** owing to special chemical additives can be applied onto damp and wet substrates; addition of reinforcing fibres enables to reduce significant substrate moves; can be applied even during rain; can be used in contact with polystyrene; easy and quick in use (ready-to-use).



Composition	insulating asphalts, deaerated solvents, improvers
Consumption	approx. 0.9 kg/m ² /mm
Substrate and ambient temperature during application and bonding	from -20°C up to +35°C
Technological break between application of subsequent coats	min. 5 h
Drying time	approx. 10 h
In compliance with	PN-B-24620



Available packages:



IZOHAN IMS

KMB-type solvent damp proofing (thick-coat)

- **Use:** execution of main jointless vertical and horizontal damp proofing of any type with no reinforcing inserts.
- **Properties:** does not require leveling plasters; resistant to high water pressure (up to 0.8 MPa); forms coatings of sufficient hardness and high elasticity; easy and quick in use (ready-to-use).



Composition	asphalts modified with polymers, reinforcing fibres, organic solvents
Consumption	0.9 – 1.0 kg/m ² /mm of coat
Temperature of use	from +5°C up to +25°C
Drying time	approx. 10 h
Technical Approval	IBDIM RT/2011-02-0080/2
In compliance with	PN-B-24620



Available packages:



IZOHAN epoxy X9

epoxy-bitumen coat, type E

- **Use:** priming steel and concrete constructions used in sea, river or process water and in corrosive environment after diluting with white spirit in 3:1 ratio paint:spirit; individual protection of concrete objects and steel elements in industry and construction of exposure class XA1, XA2, XA3, as well as ballast and waste water tanks, e.g. in municipal and industrial sewage treatment plants.
- **Properties:** very good adhesion to substrate; forms coating resistant to mechanic load (abrasion, impact); resistant to acid and alkaline sewage waste, sea and industrial water and atmosphere.



Composition	asphalt, epoxy resin, hardener, white spirit
Consumption	0.3 kg/m ² priming 0.6 kg/m ² main coat
Mixing ratio	100:34 (comp. A:comp. B)
Recommended no. of coats	2
In compliance with	PN-C-81916



Available packages:



IZOHAN PRIMING SOLUTION

general-use priming solution, type III

- ▶ **Use:** priming highly absorptive substrates prior to adhesive mortars; protection and reduction of absorptiveness of porous substrates: plasters, concrete, screeds; prevents from too quick drying of adhesive mortars, screeds, fillers and paints; protects concrete surfaces against excessive abrasion and moisture action (can be used in rooms with intensive foot traffic); priming old mineral substrates before application of new coats in order to improve their adhesion (bonding layer).
- ▶ **Properties:** improves surface adhesion and its scratch resistance; regulates the substrate absorption process; strengthens the surface; prevents concrete surfaces from dusting; ecological, friendly to environment and humans.



Composition	dispersion of plastics, additives
Consumption	0,1-0,2 kg/m ²
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	approx. 1 h
In compliance with	PN-C-81906



Available packages:



IZOHAN EKOLEP

acrylic paste adhesive mortar, D2TE

- ▶ **Use:** fixing polystyrene boards (EPS, XPS) and mineral wool panels to: cement and anhydrite screeds, plasterboards, gypsum plasters, concrete, wood, roofing membranes, bitumen coatings; fixing ceramic tiles onto difficult substrates, tiles on tiles, onto vertical and horizontal surfaces; for indoor and outdoor use.
- ▶ **Properties:** easy in use; watertight; flexible, keeps flexibility in wide range of temperature; sets with no contraction; frost-resistant; does not destroy mineral wool and polystyrene; recommended onto heated floors; ecological – solvent-free.



Composition	dispersion of plastics, additives
Consumption	contact coat: 0,7 kg/m ² insulation boards fixing: 1,5 kg/m ² tiles fixing: 1,5-3,7 kg/m ²
Temperature of use	from +5°C up to +25°C
Initial shear strength	> 1,0 N/mm ²
In compliance with	PN-EN-12004



Available packages:



IZOHAN EKO 1K

one-component waterproofing resistant to negative water pressure, CM, O

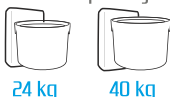
- ▶ **Use:** sealing against damp penetrating from the outside (bath-like type); horizontal damp proofing, particularly where it cannot be executed with roll materials (technological breaks in monolithic constructions); sealing external underground building elements subject to groundwater action (also under pressure) in old and contemporary construction; tanks sealing.
- ▶ **Properties:** limits the concrete carbonization process; enables water evaporation from damp constructions; can be tiled directly; resistant to UV rays; resistant to aggressive chemical solutions; resistant to petrol and oils; for indoor and outdoor use; onto vertical and horizontal surfaces; resistant to waste water and pool water; prevents sulfate salts salinity and slightly limits chloride ions penetration.



Composition	dry, modified cement mix
Consumption	approx. 1,5 kg/m ² /mm coat
Temperature of use	from +8°C up to +30°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN-14891



Available packages:



IZOHAN EKO 2K

two-component flexible waterproofing, CM, O

- ▶ **Use:** sealing buildings of any height, in old and contemporary construction indoors and outdoors; waterproofing terraces and balconies; sealing external basement walls and foundations subject to shrinkage cracks; sealing: swimming pools, slurry tanks, waste water tanks, utility and drinking water tanks, refuse dumps, car washes.
- ▶ **Properties:** limits the concrete carbonization process; enables water evaporation from damp constructions; resistant to aggressive chemical solutions; solvent-free; highly elastic; cracks bridging; resistant to UV rays; resistant to petrol and oils; for indoor and outdoor use.



Composition	water dispersion of plastics, modified cement mix
Consumption	approx. 1,5 kg/m ² /mm
Temperature of use	from +8°C up to +30°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN-14891



Available packages:



IZOHAN KRYSZTALIZATOR K6

mineral coating for crystalline sealing

- ▶ **Use:** sealing concrete and ferroconcrete surfaces in industrial, hydrotechnical, sanitary, energetic and general construction; surface sealing and protection of: waste water tanks, drinking water tanks, hydrotechnical objects, swimming pools, foundations and basements; sealing objects subject to positive and negative water pressure; for old as well as contemporary buildings.
- ▶ **Properties:** seals pores in the substrate, forms watertight insulating coating; forms additional subsurface substrate sealing by crystallization of active chemical compounds in the concrete pores; resistant to aggressive environment of exposure class XA3, resistant to chemicals; can be applied onto fresh, wet concrete; can be used on cement plasters, bricks, stone; bridges cracks up to 0.4 mm; resistant to chloride and ozonated water; can be used in drinking water tanks; water vapour permeable.



Composition	portland cement, fine aggregate, chemical additives
Consumption	1.1-1.5 kg/m ² per coat
Temperature of use	from +15°C up to +20°C
Initial setting time	≥ 60 min.
In compliance with	PN-EN-1504-2(2006)



Available packages:



IZOHAN ECO-FOIL

semi-liquid damp proofing foil, DM

- ▶ **Use:** jointless coat sealing in intensively damp rooms prior to ceramic tiles fixing, proofing surfaces easily absorbing damp; for indoor use; can be applied onto any construction material: concrete, plaster, screed, gypsum plaster, plasterboards, floor heating systems.
- ▶ **Properties:** forms jointless coating of high insulating properties; good adhesion to damp proofed surfaces; very elastic and watertight; enables evaporation of water from damp elements; forms perfect insulating underlay beneath ceramic tiles; ecological – solvent-free; dries quickly.



Composition	dispersion of plastics, additives
Consumption	0.4-0.8 kg/m ² per 2 coats
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	approx. 4 h
In compliance with	ITB-KOT-2017/0026



Available packages:



IZOHAN WATERTIGHT BATHROOM

semi-liquid damp proofing foil

- ▶ **Use:** jointless coat sealing in intensively damp rooms (bathrooms, toilets, laundries, dryers, etc.) prior to ceramic tiles fixing; proofing surfaces easily absorbing damp (e.g. plasterboards, gypsum plasters, gypsum-fibre boards, etc.); for indoor use; can be applied onto any construction material: concrete, plaster, screed, gypsum plaster, plasterboards, with floor heating systems.
- ▶ **Properties:** forms jointless coating of high insulating properties; good adhesion to insulated surfaces; very elastic and watertight; forms perfect insulating underlay beneath ceramic tiles; ecological – solvent-free; dries quickly.



Composition	dispersion of plastics, additives
Consumption	1.0-1.2 kg/m ²
Temperature of use	from +5°C up to +25°C
Technological break between application of subsequent coats	approx. 4 h
In compliance with	ITB-KOT-2017/0026



Available packages:



IZOHAN WATERTIGHT FOUNDATION

rigid sealing micro-mortar

- ▶ **Use:** indoor sealing against damp penetrating from the outside (bath-like type); sealing outdoor underground building elements subject to groundwater action (also under pressure) in old and contemporary construction; damp proofing in general, communication and hydrotechnical construction; sealing water, waste water, water treatment tanks.
- ▶ **Properties:** limits the concrete carbonization process; enables free water evaporation from damp constructions; resistant to negative and positive water pressure; for indoor and outdoor use on horizontal and vertical surfaces; prevents sulfate salts salinity and slightly limits chloride ions penetration; resistant to waste water and pool water.



Composition	dry modified cement mix
Consumption	approx. 1.5 kg/m ² /mm
Temperature of use	from +8°C up to +25°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN 1504-2

IZOHAN WATERTIGHT TERRACE

two-component, elastic waterproofing for terraces and balconies, CM, 0



Available packages:



- ▶ **Use:** waterproofing terraces and balconies, can be tiled directly; waterproofing screeds.
- ▶ **Properties:** perfect beneath ceramic cladding; can be applied onto damp substrate; fixing ceramic tiles just after 24 h; solvent-free; elastic, cracks bridging; resistant to UV rays; for outdoor use on horizontal and vertical surfaces.

Composition	water dispersion of plastics, modified cement mix
Consumption	approx. 1.5 kg/m ² /mm
Temperature of use	from +8°C up to +25°C
Technological break between application of subsequent coats	approx. 3-4 h
In compliance with	PN-EN-14891

IZOHAN epoxy C-505

epoxy grout, R6



Available packages:



two-component epoxy grout

- ▶ **Use:** grouting ceramic tiles, fittings of whiteware and construction ceramic, gresporcelain and marble, clinker, glass mosaic, natural stone, marble on various substrates. The use of grout IZOCHAN epoxy C-505 is particularly recommended for surfaces requiring high mechanical and chemical resistance, especially in industrial construction.
- ▶ **Properties:** watertight; resistant to low and high temperature; very high mechanical resistance; resistant to chemicals; efficient and easy in use; sets and hardens with no contraction; resistant to abrasion; environment friendly; high filling strength.

Composition	epoxy resin with mineral fillers and additives
Consumption	0,23-2,9 kg/m ²
Mixing ratio	8:9 component A 1:1 component B
Time of use	approx. 45 minutes
Temperature of use	from +10°C up to +25°C

IZOHAN epoxy C-506

epoxy grout and adhesive, R6, R2



Available packages:



two-component epoxy grout

- ▶ **Use:** fixing and grouting ceramic tiles, fittings of whiteware and construction ceramic, gresporcelain and marble, clinker, glass mosaic, natural stone, marble on various substrates. The use of grout IZOCHAN epoxy C-506 is particularly recommended where aggressive liquids, brine, mineral or sea water occurs, in breweries, wineries, liquids production plants, distilleries, water treatment plants, laboratories, chemical industry premises, kitchens, dairies, etc., at high pressure and washout, e.g. in industrial washes.
- ▶ **Properties:** watertight; resistant to low and high temperature; very high mechanical resistance; resistant to chemicals; efficient and easy in use; sets and hardens with no contraction; resistant to abrasion; environment friendly; high filling strength.

Composition	epoxy resin with mineral fillers and additives
Consumption for fixing for grouting	1,3 - 2,4 kg/m ² width [cm] x length [cm] x 1,4 - consumption in g
Mixing ratio	8:9 component A, 1:1 component B
Time of use	approx. 45 minutes
Temperature of use	from +10°C up to +25°C



Available packages:



IZOHAN protect fungi

preparation for protection against fungi and mould infestation

- **Use:** protection of mineral construction materials against growth of mould: *Aspergillus niger*, *Aspergillus terreus*, *Paecilomyces variotii*, *Penicillium funiculosum*, *Penicillium ochrochloron*, *Scopulariopsis brevicaulis*, *Trichoderma viride* as well as fungi from Basidiomycetes class.
- **Properties:** efficiently protects against growth of mould and fungi destroying the construction material structure; penetrates well construction materials such as: concrete, cement and cement-lime mortars; easy and quick in use; protection can be done independently, no special equipment required.



Composition	dispersion of plastics with addition of biocides
Consumption	approx. 0.3 l/m ²
Temperature of use	from +5°C up to +25°C
Consistency	liquid
Colour	milky white
Authorization for a biocide	nr 3092/07



Available packages:



IZOHAN stop fungi

preparation for treatment of fungi and mould

- **Use:** fumigation of mineral construction materials; destruction of fungi from Basidiomycetes class as well as mould: *Aspergillus niger*, *Aspergillus terreus*, *Paecilomyces variotii*, *Penicillium funiculosum*, *Penicillium ochrochloron*, *Scopulariopsis brevicaulis*, *Trichoderma viride*.
- **Properties:** efficiently eliminates mould and fungi destroying the construction material structure; penetrates well construction materials such as: concrete, cement and cement-lime mortars; easy and quick in use; fumigation can be done independently, no special equipment required.



Composition	biocide water dispersion
Consumption	approx. 0.1 l/m ²
Temperature of use	from +5°C up to +25°C
Consistency	liquid
Authorization for a biocide	nr 3091/07



Available packages:



IZOHAN waterproofing emulsion

concentrated silicone micro-emulsion

- **Use:** execution of horizontal waterproofing (membrane) against water capillary rising (prevents damp from spreading from the wall bottom), for walls of moisture content up to 90% and maximum salts concentration 1% of mass; for pressureless gravitational and pressure injection.
- **Properties:** micro-emulsion assures preparation penetration within the smallest capillaries; efficient in case of high level of wall damp and very thick walls; does not form salts destroying the building; particularly efficient in case of bowpressure; injectia can be executed without any breaks in the building operation.



Composition	silicone micro-emulsion
Consumption	approx. 1.5-2.0 l of concentrate/m ² of the wall cross section
Temperature of use	from +5°C up to +25°C
Consistency	liquid
Colour	milky white
Technical Recommendation	ITB-1214/2011



Available packages:



IZOHAN waterproofing paint

watertight coating

- **Use:** renovation of damp walls; onto concrete and standard plasters of any type, painted and not painted, plasterboards, brick, stone; for proofing ponds and small pools, fountains (after appropriate surface preparation).
- **Properties:** watertight; resistant to re-emulgation; vapour-tight; acid- and base-tight; durable; easy and quick in use (ready-to-use); prevents surface salinity; very good coating abilities; resistant to dry friction; very good adhesion to substrate; resistant to water and water with soap action as well as scrubbing.



Composition	mix of plastics, additives, pigment
Consumption	0.8 kg/m ²
Temperature of use	from +5°C up to +25°C
Drying time	up to 4 h
In compliance with	PN-EN-1062-1

- **Basic colours:** white, beige, sea blue, blue.



Available packages:



IZOHAN STYROPUK FOUNDATION



polyurethane adhesive for polystyrene

- ▶ **Use:** fixing EPS and XPS insulation boards onto foundations made of dispersion bitumen masses; fixing EPS and XPS insulation boards onto foundations made of heat-welded membranes; fixing EPS and XPS insulation boards onto building ground zones (plinths).
- ▶ **Properties:** easy and convenient in use; quick work progress (initial hardening after 2 h, full hardening after 24 h); very efficient; very good adhesion to bitumen substrates (KMB masses, heat-welded membranes) and to mineral substrates of any type; for use in wide range of temperature, particularly recommended for autumn or spring season.

Temperature of use	from -5°C up to +30°C
Temperature of can	from +10°C up to +25°C
Correction time	up to approx. 10 min.
Mechanical fixing (plinth zone)	after approx. 2 h
Full hardening	after 24 h
Temperature of storage	from +5°C up to +35°C
Consumption	approx. 12 m ² from a can
Technical approval	ITB AT-15-8153

IZOHAN STYROPUK EXTERNAL WALLS



polyurethane adhesive for polystyrene

- ▶ **Use:** fixing polystyrene insulation boards used in external wall insulation; fixing polystyrene panels, wall panels; sills installation; filling joints in thermal insulation.
- ▶ **Properties:** easy and convenient in use; quick work progress (initial hardening after 2 h, full hardening after 24 h); very efficient; very good adhesion to mineral substrates of any type; for use in wide range of temperature, particularly recommended for autumn or spring season; perfect adhesion to concrete, ceramic, wooden, PVC substrates as well as polystyrene and plasters.

Temperature of use	from 0°C up to +30°C
Temperature of can	from +10°C up to +25°C
Correction time	up to approx. 10 min.
Mechanical fixing (plinth zone)	after approx. 2 h
Full hardening	after 24 h
Temperature of storage	from +5°C up to +35°C
Consumption	approx. 8 m ² from a can
Technical approval	ITB AT-15-8153



Available packages:



IZOHAN STYROPUK ROOF



polyurethane adhesive for polystyrene

- ▶ **Use:** EPS and XPS polystyrene boards bonding to the surface of flat roofs covered with sheet metal, roofing membrane, seam-free bituminous insulation, and substrates: concrete, wood, OSB boards, galvanized steel sheet, steel sheet with polyester coating.
- ▶ **Properties:** test-proven resistance to wind suction forces; allows for quick execution of works [preliminary curing after 2 hours, full curing after 24 hours]; exhibits excellent adhesion to concrete, wood and wood-derived, roofing membrane, galvanized steel sheet and the polyester-coated sheet metal substrates; highly efficient [average yield approx. 10-12 m²/can]; single-component, low-pressure; easy and convenient to use; can be used in a wide temperature range, especially recommended during periods of cool weather conditions in autumn and spring.

Operating temp.	from -5°C to +30°C
Can temp.	from +10°C to +25°C
Correction time	up to approx. 4 minutes.
Dowelling time (plinth area)	after approx. 2 hours
Full curing time	after 4 hours
Storage temp.	from +5°C to +35°C
Consumption	10-12 m ² per can
Technical Specification	ITB-KOT-2018/0532



Available packages:



IZOHAN CLEANER

polyurethane foam cleaner

- ▶ **Use:** removal of non-hardened polyurethane foams and adhesives; cleaning container valves, nozzles and guns dosing the polyurethane foam; perfect for degreasing steel surfaces prior to the use of polyurethanes and silicones.

Temperature of use	from 0°C up to +30°C
Temperature of can	from +10°C up to +25°C
Temperature of storage	from +5°C up to +25°C



Available packages:





Available product packaging:



IZOHAN LIQUID GLASS

silane-polyurethane hybrid sealant STP type F class 20 HM

- **Use:** bonding and grouting of panels, thresholds, window sills, decorative strips, insulation boards, cork, glass and mineral wool on wood, particle board, plaster, brick, concrete, metal, natural stone slabs [marble, granite, etc.] gluing mirrors, flexible joints in structures exposed to mechanical vibrations.
- **Properties:** elastic; resistant to chemicals, UV light and other atmospheric factors; does not run-off, shrink-free bonding; non-corrosive; resistant to sea water, chlorinated water, mould and fungi; safe for polystyrene; does not require the use of primers; odourless; excellent adhesion to most substrates [also wet].
- **Available colours:** transparent



Composition	hybrid polyurethane STP
Consumption	depending on the dimensions of the gap
Processing temp.	from +1°C to +30°C
Curing time	2 mm / 24h [20°C, 65% relative humidity]
Texture	thick, thixotropic
Thermal resistance after curing	from -40°C to +90°C
Compliance with standard	PN-EN ISO 11600



Available product packaging:



IZOHAN FULL-FIX

all-purpose adhesive and silane-polyurethane hybrid sealant STP type F class 20 HM

- **Use:** bonding and grouting of panels, thresholds, window sills, decorative strips, insulation boards, cork, glass, and mineral wool on wood, particle board, plaster, brick, concrete, metal, natural stone slabs [marble, granite, etc.]; used in the refrigeration industry, transport industry [e.g. for container sealing], processing industry, automotive industry [joints, flanges, cover and decorative strips, glazing assembly].
- **Properties:** elastic; safe for polystyrene; resistant to UV light and other atmospheric factors; does not run-off, shrink-free bonding; non-corrosive; resistant to sea water, chlorinated water, mould and fungi; does not require the use of primers; paintable and odourless; does not discolour marble and stone; excellent adhesion to most substrates [also wet].
- **Available colours:** white, brown, graphite, grey



Composition	hybrid polyurethane STP
Consumption	depending on the dimensions of the gap
Processing temp.	from +1°C to +30°C
Curing time	2 mm / 24h [20°C, 65% relative humidity]
Texture	thick, thixotropic
Thermal resistance after curing	from -40°C to +90°C
Compliance with standard	PN-EN ISO 11600



Available product packaging:



IZOHAN ELASTIC

hybrid adhesive and sealant for vibrating connections type F class 20 HM

- **Use:** sealing any flexible joints in structures exposed to vibrations; grouting panels, thresholds, window sills, decorative strips, insulation boards, cork, glass and mineral wool.
- **Properties:** elastic; resistant to variable stress and vibration; resistant to UV light and other atmospheric factors; does not run-off, shrink-free bonding; non-corrosive; resistant to sea water, chlorinated water, mould and fungi; safe for polystyrene; does not require priming; paintable and odourless; excellent adhesion to most substrates [also wet].
- **Available colours:** white, brown



Composition	hybrid polyurethane STP
Consumption	depending on the dimensions of the gap
Processing temp.	from +1°C to +30°C
Thermal resistance after curing	from -40°C to +90°C
Curing time	2 mm / 24h [20°C, 65% relative humidity]
Compliance with standard	PN-EN ISO 11600



Available product packaging:



IZOHAN FAST&STRONG

hybrid adhesive for fast secure installation type F class 20 HM

- **Use:** bonding panels, thresholds, window sills, decorative strips, insulation boards, cork, glass, and mineral wool on wood, particle board, plaster, brick, concrete, metal, natural stone slabs, flexible joints in structures exposed to mechanical vibrations.
- **Properties:** excellent adhesion and bonding strength; immediate grip; resistant to UV light and other atmospheric factors; does not run-off, shrink-free bonding; non-corrosive; resistant to sea water, chlorinated water, mould and fungi; does not require the use of primers; paintable and odourless; does not discolour marble and stone; excellent adhesion to most substrates [also wet].
- **Available colours:** white



Composition	hybrid polyurethane STP
Consumption	depending on the dimensions of the gap
Processing temp.	from +1°C to +30°C
Drying time	10-15 min does not peel, non-staining after 1 h [20°C, 65 % relative humidity]
Texture	thick, thixotropic
Thermal resistance	from +40°C to -90°C
Compliance with standard	PN-EN ISO 11600

IZOHAN adhesive for bitumen membranes and shingles

single-component roofing adhesive



- ▶ **Use:** gluing bitumen membranes and shingles; repairing cracks in the roofing coatings on all types of roofing.
- ▶ **Properties:** high bonding force; resistant to run-off; immediate grip; resistant to water, UV light or other atmospheric factors; permanently plastic; adhesion to many substrates, also wet [asphalt roofing membranes, any bitumen substrates, concrete, plaster, brick, glass, wood-derived surfaces].

Composition	asphalt, resin, solvent, fibres, additives
Consumption	joint 5x5 mm - approx. 12 linear metre per 300 ml cartridge
Processing temp.	from +5°C to +25°C
Curing time	10-14 days
Bonding capacity	not less than 150 N
Compliance with standard	PN-B-24620

Available product packaging:



IZOHAN roofing adhesive

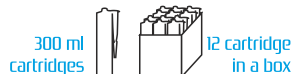
single-component roofing adhesive



- ▶ **Use:** outdoor bonding on horizontal and vertical surfaces of buildings; gluing roofing membranes, shingles and bitumen boards; sealing gaps around flashings, chimneys, hoods, windchests and skylights; fills cavities in the roofing membranes.
- ▶ **Properties:** high bonding force; instant grip; non-corrosive to galvanised sheet metal; resistant to water, UV light or other atmospheric factors; permanently plastic; adhesion to many substrates, also wet [asphalt roofing membranes, any bitumen substrates, concrete, plaster, brick, glass, wood-derived surfaces].

Composition	asphalt, resin, solvent, fibres, additives
Consumption	joint 5x5mm mm - approx. 12 linear metres per 300 ml cartridge
Processing temp.	od +5°C do +25°C
Curing time	10-14 days
Bonding capacity	not less than 150 N
Compliance with standard	PN-B-24620

Available product packaging:



IZOHAN bitumen roofing sealant

single-component roofing sealant



- ▶ **Use:** sealing roofing membranes, shingles, sheet metal, roof tiles; sealing around flashing, gaps in roof ducts, gutters, drain pipes, skylights, chimneys, cracks and seams, drains, joints between bituminous materials and metal, wood, stone, and mineral substrates.
- ▶ **Properties:** permanently elastic; very good adhesion to bitumen and mineral substrates; resistant to UV radiation and atmospheric factors; does not run-off; shrink-free bonding; non-corrosive to galvanized sheet metal; does not damage EPS boards; cures under evaporation of the solvent; good adhesion to wet substrates.

Composition	asphalt, dearomatized solvent, fibres, resins, additives
Consumption	joint 5x5 mm - approx. 12 linear metre per 300 ml cartridge
Processing temp.	from -5°C to +25°C
Thermal resistance	from -20°C to +80°C
Curing time	10-14 days
Compliance with standard	PN-B-24620

Available product packaging:



IZOHAN rubber roofing sealant

single-component roofing putty type F class 25 HM



- ▶ **Use:** sealing flashings in roofs, deckings, chimneys, and hatches, gutter and drain pipes joints, hole-throughs in roofs and deckings; repair of roofs covered with bitumen roofing membrane, areas around skylights and roof windows, corrugated or trapezoidal sheet metal joints, asbestos-cement boards, bitumen boards.
- ▶ **Properties:** highly elastic joint; resistant to aging, UV radiation and atmospheric factors; paintable; can be applied on damp substrates; very good adhesion to most materials used in construction industry (membranes, bitumen, steel, ceramics, stone, wood, glass)
- ▶ **Available colours:** colourless, brown

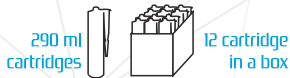
Composition	rubber, resin, plasticiser, organic solvent,
Consumption	depending on demand
Processing temp.	from +5°C to +25°C
Drying time	2 mm/24h [20°C, 65% relative humidity]
Thermal resistance after curing	from -20°C to +80°C
Compliance with standard	PN-EN ISO 11600

Available product packaging:





Available product packaging:

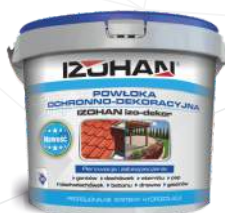


IZOHAN roofing putty asphalt-rubber roofing mix

- ▶ **Use:** sealing flashings, gaps in roof ducts, gutters, drain pipes, skylights, chimneys, cracks and seams, joints between bituminous materials and metals, mineral substrates and stone; repair of roofs.
- ▶ **Properties:** resistance to: weather conditions, run-off, shrinkage cracks; non-corrosive to galvanized sheet metal; cures under evaporation of the solvent; very good adhesion to the substrate.



Composition	asphalt, resin, rubber, fibres, additives
Consumption	joint 5x5 mm - approx. 12 linear metre per 300 ml cartridge
Application and bonding:	from +5°C to +25°C
Curing time	10-14 days
Compliance with standard	PN-B-24620



Available packages:



IZOHAN IZO-DEKOR protective and decorative coating

- ▶ **Use:** eco protective and decorative coating intended for restoration and protection of objects and structures made of concrete, wood or turf and roofing made of bitumen shingles, ceramic roofing tiles, eternit, bitumen membranes, metal roofing tiles, galvanised sheet metal, tar.
- ▶ **Properties:** waterproof; resistant to reemulsification; durable and frostproof; resistant to dry friction; quick and easy for use [ready-to-use]; very good coverage properties; resistant to atmospheric factors [so-called acid rain, UV light]; very good adhesion to the substrate, detachment is only possible with simultaneous damage of the substrate; resistant to lye, acid-resistant and resistant to water, soapy water and scrubbing.
- ▶ **Available colours:** green, red, brown, black, grey [other per request]



Composition	dispersion plastics, additives, pigment
Consumption	approx. 0.4-0.5 kg/m ² per coating
Processing temp.	from +5°C to +25°C
Processing temp.	approx. 4 h



Available packages:



IZOHAN impregnant IPC impregnant for ceramic substrates

- ▶ **Use:** impregnation of any ceramic surfaces, particularly roofing tiles and bricks as well as ceramic tiles, terracotta, natural stone, sandstone, gypsum; used where aesthetics as well as resistance of impregnated surfaces to soiling or atmospheric conditions required.
- ▶ **Properties:** strengthens and hydrophobizes mineral construction materials and sand; penetrates deeply, dries quickly, gives perfect long term hydrophobization result, even after substantial dilution; forms vapour-permeable and colourless coating; perfectly reduces absorption of water and dissolved salts (e.g. chlorides); significantly reduces white efflorescence on the surface; resistant to alkaline environment; can be used as a binder for silicate-based paints.



Composition	silicone-silicate concentrate, approx. 60% of active components, water dilutable, contains no VOC
Penetration depth	5-8 mm
Consumption	approx. 0.3-0.4 l/m ²
Temperature of use and storage	from +5°C up to +30°C
Water absorption after 24 h after application	max. 1%



Available packages:



IZOHAN impregnant W2 impregnant for wood, O, Gp

- ▶ **Use:** protection of wooden elements against wood pests (insects); protection against growth of fungi destroying wood – Coniophora puteana, causing blue stains – Aureo-basidium pullulans, Scierophoma pithyophila, causing surface mould – Cladosporium sphaerospermum, Aspergillus niger, Penicillium funiculosum.
- ▶ **Properties:** efficiently protects wooden construction elements against mould, fungi destroying the structure as well as insects; very good preserving properties; easy and quick in use; application can be done independently, no special equipment required; spray-applied or applied with a paint brush; forms colourless protecting coating resistant to changeable weather conditions.



Composition	chloroparaffin, linseed oil, organic solvent, mix of zinc octanoate, tolylfuaniid, cypermethrine
Consumption	approx. 0.33 l/m ² when used 2-3 times 27 m ² of wood
Temperature of use	from +5°C up to +25°C
Consistency	oily
In compliance with	PN-E-04906

IZOHAN PAVEMENT GUARD

impregnant for sett



Available packages:



- ▶ **Use:** impregnation and sealing substrates made of sett where aesthetics as well as resistance to any stains and atmospheric conditions are required. Particularly recommended for surfaces close to houses, shops, petrol stations, pedestrian and vehicle routes; the preparation should not be used on surfaces made of clinker brick. It is advisable to perform a test on facings made of lime, sandstone and other natural stone.
- ▶ **Properties:** improves the surface appearance; limits abrasiveness; strengthens the colour; protects the surface against durable stains of oil and other contaminants (but does not clean the existing ones); improves the surface resistance against atmospheric conditions (frost, rain); available in two versions: semi-matt and gloss.

Composition	synthetic resins, organic solvents, additives
Consumption	0,17-0,2 l/m ²
Temperature of use	from +5°C up to +25°C
Drying time	2 h
Technical approval	IBDIM AT/2005-03-1876/2
Available versions	semi-matt and gloss

IZOHAN epoxy P-405

epoxy paint, B



Available packages:
2-component epoxy paint



- ▶ **Use:** IZOCHAN epoxy P-405 can be used outdoors, e.g. on balconies and indoors: in residential, public access buildings, garages, industrial halls, storage rooms, warehouses, including the food industry facilities, e.g. dairies, butcheries, bakeries, breweries, etc.
- ▶ **Properties:** forms durable coating resistant to mechanical factors and well adhering to the substrate; resistant to point and prolonged loads; resistant to high temperature (up to approx. 120°C), water action, cleaning agents, disinfectants and chemicals; resistant to damage caused by car tires; very good coating properties.

Composition	epoxy resin, hardener, additives
Consumption	0,2-0,4 kg/m ²
Temperature of use	from +8°C up to +25°C
Drying time	up to 24 h (grade 6)
In compliance with	PN-C-81916

- ▶ **Basic colours:** light grey, dark grey, graphite, light green, sea blue, dark green, beige (ivory), brick-red, light blue, dark blue

IZOHAN epoxy EP-601

epoxy primer, B



Available packages:



- ▶ **Use:** for priming mineral and steel substrates prior to application of epoxy membrane IZOCHAN epoxy EP-602; for strengthening absorbable, porous substrates and/or those of poor mechanical strength; as a contact coat on grinded ceramic cladding, stone, terrazzo, steel surfaces; as a primer beneath heat-welded membranes on damp substrates (fresh concrete from 3 up to 14 days).
- ▶ **Properties:** very good adhesion to the substrate; strengthens the primed substrate; resistant to chemicals of acid and alkaline reaction, water action, sea and industrial atmosphere, frost-resistant; can be applied on very damp substrates; short setting time also on damp substrates.

Composition	epoxy resin, hardener
Drying time	0,2-0,5 kg/m ²
Time between the application of individual layers	24 h
Temperature of use	from +15°C up to +30°C
In compliance with	PN-C-81911
Technical approval	IBDIM AT/2015-02-3116

IZOHAN epoxy EP-602

epoxy membrane, C



Available packages:



- ▶ **Use:** for independent protection of concrete construction and steel elements in industry and general construction, ballast and waste water tanks, e.g. in domestic and industrial waste water treatment plants, inland and sea hydrotechnical construction; in version with sand forms a surface coat protecting the pedestrian routes and routes loaded with vehicles traffic (e.g. multi-position garages), on terraces and balconies as surface waterproofing.
- ▶ **Properties:** very good adhesion to the substrate; forms coating resistant to mechanical loads (abrasion, impact); resistant to chemicals of acid and alkaline reaction, water action, sea and industrial atmosphere, oils, petrol, etc.; after mixing with quartz sand forms ductile-flexible waterproofing and top finish of high abrasion resistance.

Composition	epoxy resin, filler, pigment, additives, hardener
Drying time	1,0-4,0 kg/m ²
Time between the application of individual layers	24 h
Resistance to peeling off the concrete substrate	min. 2,0 MPa
In compliance with	PN-C-81916
Technical approval	IBDIM AT/2015-02-3116



Available packages:



IZOHAN epoxy EP-603 horizontal epoxy sealant, F-12, 5E-M,p

- ▶ **Use:** filling expansion joints 5-35 mm wide, on horizontal surfaces indoors and outdoors; for sealing scratches and cracks on horizontal surfaces, also subject to vehicle load and in objects subject to chemical aggression.
- ▶ **Properties:** very good adhesion to the substrate (concrete, ceramic cladding, resin floors); forms coating resistant to mechanical loads (abrasion, impact); resistant to acids and alkali, sea and industrial water and atmosphere, oils, petrol, etc.; resistant to domestic waste-water (water waste treatment plants).



Composition	epoxy resin, filler, hardener
Consumption	depending on a slit
Time of use after components mixing	45 min.
Resistance to rain	after approx. 6 h
Elongation at breakage	> 60%
Breaking force	350 N
In compliance with	PN-EN-11600



Available packages:



IZOHAN epoxy EP-603 vertical epoxy sealant, F-12, 5E-M,p

- ▶ **Use:** filling expansion joints 5-35 mm wide, on vertical surfaces indoors and outdoors; for sealing scratches and cracks on vertical surfaces.
- ▶ **Properties:** very good adhesion to the substrate (concrete, ceramic cladding, resin floors); forms coating resistant to mechanical loads (abrasion, impact); resistant to acids and alkali, sea and industrial water and atmosphere, oils, petrol, etc.; resistant to domestic waste-water (water waste treatment plants).



Composition	epoxy resin, filler, hardener
Consumption	depending on a slit
Time of use after components mixing	45 min.
Resistance to rain	after approx. 6 h
Elongation at breakage	> 60%
Breaking force	350 N
In compliance with	PN-EN-11600



Available packages:



IZOHAN SEPARATOR B oil anti-adhesion agent, type O, sort K

- ▶ **Use:** agent for steel and large scale formworks; wooden formworks; matrixes; wooden pallets.
- ▶ **Properties:** IZOHAN SEPARATOR B is a solvent-free, not adhering to concrete, easily removable from formwork and odour neutral anti-adhesion agent. After using IZOHAN SEPARATOR B the concrete outer surface gets particularly clean and even. Concrete gets resistant to discolouration, keeps sharp edges and profiles. Owing to special components the well adhering coating forms on formworks, which does not flow even in moderate temperature.



Composition	mineral and vegetable oils, waxes, modifiers
Consumption	approx. 0.02-0.06 l/m ²
Freezing point	< 5°C
Viscosity	30 ÷ 70 mm ² /s (in 20°C)



Available packages:



IZOHAN renobud R-102

PCC-type contact coat mortar

- ▶ **Use:** execution of contact coat prior to the application of repair mortars IZOHAN renobud R-103, IZOHAN renobud R-104 or floating mortar R-105.
- ▶ **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; sets with minimum contraction, also under dynamic loads.



Composition	dry, fine aggregate, modified cement mortar
Consumption	1,8-2,0 kg/m ²
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	not more than 30 min. (at temp. +20°C)
Technical Approval	IBDIM AT/2006-03-1055/2



Available packages:



IZOHAN renobud R-103

PCC-type repair mortar (5-40 mm)

- ▶ **Use:** concrete repairs and filling gaps where the coat thickness 5-40 mm is required, execution of coves and slope layers.
- ▶ **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; forms efficient barrier against carbon dioxide penetration into concrete; sets with minimum contraction, also under dynamic loads.



Composition	dry, fine aggregate, modified cement mortar
Consumption	approx. 1,9-2,2 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	not more than 30 min. (at temp. +20°C)
Technical Approval	IBDIM AT/2006-03-1055/2



Available packages:



IZOHAN renobud R-105

PCC-type floating mortar (2-6 mm)

- ▶ **Use:** repairs of minor gaps in concrete as well as concrete surface floating; protective coating onto bridge concrete surfaces.
- ▶ **Properties:** frost-resistant; resistant to salts diluted in water used for de-icing; good adhesion to concrete substrate; water vapour permeable; forms effective barrier against carbon dioxide penetration into concrete; sets with limited contraction, also under dynamic loads.



Composition	dry, fine aggregate, modified cement mortar
Consumption	1,7-1,8 kg/m ² /mm
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	not more than 30 min. (at temp. +20°C)
Technical Approval	IBDIM AT/2006-03-1055/2



Available packages:



IZOHAN renobud R-112

waterproofing and curing coating

- ▶ **Use:** in general and transport construction as a curing and waterproofing agent applied onto fresh concrete; in transport construction for waterproofing concrete bridge decks beneath mineral-bitumen surfaces.
- ▶ **Properties:** elastic; resistant to water under pressure; resistant to aggressive substances diluted in water; frost-resistant; good adhesion to concrete substrate, therefore it forms effective concrete bridge deck insulation; can be applied onto fresh one-day concrete.



Composition	acrylic resin, white spirit, hydrophobe, potassium water glass
Consumption	approx. 1,2 kg/m ²
Temperature of use	from +5°C up to +30°C
Bulk density	1,3 ± 0,13 g/cm ³
Technical Approval	IBDIM AT/2009-03-1544/1



Available packages:



IZOHAN renobud R-120

transparent impregnating and protective coating



- ▶ **Use:** impregnation, bonding and protection of concrete element surfaces, onto new and repaired ones as well as sett.
- ▶ **Properties:** reduces water absorption; provides the substrate with frost-resistance; provides the surface with resistance to salts diluted in water used for de-icing; water vapour permeable; forms effective barrier against carbon dioxide penetration into concrete.

Composition	one-component polymer preparation
Consumption	approx. 0,17-0,20 l/m ²
Temperature of use	from +5°C up to +25°C
Technical approval	IBDIM AT/2005-03-1876/2



Available packages:



IZOHAN renobud R-140

elastic decorative paint coating



- ▶ **Use:** used on concrete and ferroconcrete surfaces in transport engineering as elastic protective and decorative coating resistant to atmospheric factors; can be used on new and repaired surfaces during renovation of concrete constructions.
- ▶ **Properties:** maintains elastic in low temperature and resists cracking up to 0,3 mm; forms protecting barrier against carbon dioxide, chloride ions and sulfurs; forms coating resistant to moisture, automotive fluids (acids, coolants, oils, windscreen washers); resistant to point and prolonged loads; durable (also in aggressive atmosphere); resistant to UV rays and long term weathering; perfect coating.
- ▶ **Available colours:** grey (RAL 7030), other colours available upon request

Composition	solvent acrylic resin, pigment
Consumption	0,2-0,4 kg/m ² /layer
Temperature of use	from +5°C up to +25°C
Open time of the ready mix	not more than 30 min. (at temp. +20°C)
Compliance with standard	PN-EN 1504-2

IZOHAN sealing compound for hot application

compound for filling expansion joints and movement-loaded joints



Available packages:



- ▶ **Use:** filling expansion joints and joints in any kind of surfaces loaded with movement; sealing joints between the surface [concrete, asphalt] and prefabricated and steel elements; filling and sealing cracks and damaged seams in asphalt surfaces.
- ▶ **Properties:** very good adhesion to asphalt, concrete and steel substrate; very elastic in a wide temperature range; resistant to salt used for de-icing; resistant to frost.

Composition	asphalt, polymers, filler
Consumption	approx. 1,2 kg per 1 liter of the volume of the gap
Filling temp.	approx. 140°C - 150°C
Compound application after priming	15-30 minutes
Resistance to rain	immediately after application
Compliance with standard	PN-EN 14188-1 (-:2004)

IZOLEX DYSPERBIT PRIMER

anionic asphalt-latex emulsion



Available packages:



- ▶ **Use:** primer for bitumen water-diluted compounds and solvent-based coatings, weldable roofing membranes.
- ▶ **Properties:** can be used both on dry or wet substrates; due to added resins strongly binds to the substrate; safe in direct contact with polystyrene.



Composition	water anionic dispersion modified with rubber, asphalts and resins
Consumption	primer for: coatings [dilution with water at 1:9 ratio]: 0.15-0.3 l of solution /m ² /layer; weldable roofing membranes [at a dilution of 1:4] of solution /m ² /layer
Processing temp.	from +5°C to +35°C
Coating development time	approx. 3 h
Compliance with standard	PN-B-24002

IZOLEX DYSPERBIT Dn

asphalt-natural rubber dispersion compound



Available packages:



- ▶ **Use:** seam-free damp-proof courses on underground and ground parts of the buildings; priming substrates after dilution with water; restoration and maintenance of asphalt roofing materials; performance of reinforced jointless roofing.
- ▶ **Properties:** contains high quality chemical additives to improve application properties adhesion and elasticity; safe in direct contact with polystyrene; to be applied on dry or slightly damp substrate.



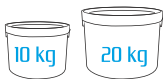
Composition	water dispersion of asphalts, fillers, rubbers, and performance additives
Consumption	0.5-1.0 kg/m ² /layer
Processing temp.	from +5°C to +30°C
Coating development time	no later than after 6 hours have elapsed
Compliance with standard	PN-B-24000

IZOLEX STYRBIT 2000

asphalt-rubber dispersion compound



Available packages:



- ▶ **Use:** seam-free, elastic damp-proof and water-proof coatings [medium type] on underground and ground parts of the building; adhering thermal insulation EPS, XPS, and PIR boards.
- ▶ **Properties:** ready-to-use; solvents-free; can be applied also on substrates with complicated shapes and any slope; highly-modified with rubber; safe in direct contact with polystyrene foam.



Composition	water dispersion of asphalts, fillers, rubbers, and performance additives
Consumption	approx. 1.5 kg/m ² /1 mm dry residue; 1.2-2.0 kg EPS adhesion
Processing temp.	from +5°C to +30°C
Coating development time	not more than 6 hours
Drying time	3-5 days, bonding time as an adhesive 10-15 days
Resistance to rain	not more than 6 hours
Technical Approval	AT/2016-02-3259
Compliance with standard	PN-B-24000

IZOLEX HYDROLEX 2E

bitumen, two-component, thick-layer asphalt coating modified with polymer



Available packages:



- ▶ **Use:** seam-free elastic waterproof coatings on vertical or horizontal underground or ground parts of the building, i.e. foundation walls, boards, foundation feet; bonding thermal insulation boards and drainage slabs; underfloor insulation in basements and garages.
- ▶ **Properties:** high application properties; good adhesion and elasticity; bridges cracks; safe in contact with EPS and XPS boards; should be used from the side where damp or water pressure occurs.



Composition	water dispersion of bitumen and rubber, mineral filler
Resistance to rain	after approx. 2 h
Consumption	waterproofing approx. 13 kg/m ² ; bonding 1.0-2.0 kg /m ²
Accuracy for pressurized water	0.8 MPa
Processing temp.	from +5°C to +30°C
Compliance with standard	PN-EN 15814



Available packages:



IZOLEX HYDROLEX 2E Styro

two-component, thick-layer asphalt coating with polystyrene filling

- ▶ **Use:** performing seam-free waterproof coatings on vertical or horizontal underground or ground parts of the building; bonding thermal insulation boards and drainage slabs; underfloor insulation in basements and garages.
- ▶ **Properties:** forms a fast drying, elastic coating for scratch bridging; resistant to rain after approx. 3 hours; manual application or by spray method; solvents-free; resistant to aggressive substances contained in the primer; safe in contact with EPS and XPS boards.



Composition	water dispersion of bitumen and rubber, polystyrene filling, mineral filler
Consumption	1,1-1,3 l/m ² /mm
Full cure	within approx. 2 days
Coating formation time / resistance to rain	after approx. 5 h after approx. 3 h
Processing temp	from +5°C to +30°C
Working time	approximately 1-2 h after mixing
Compliance with standard	PN-EN 15814



Available packages:



IZOLEX ARBOLEX-AQUA STOP

roofing putty for repair and sealing

- ▶ **Use:** repairing defects and gaps, fillings in roofing [kinks, cracks, gaps, blisters, leaks, etc.]; local waterproofing sealing; sealing technical passages.
- ▶ **Properties:** safe in contact with XPS and EPS boards; does not require priming; can be used on frozen substrates in freezing temperatures down to -20°C; can be applied on dry, damp or wet substrates; resistant to aggressive substances contained in the primer



Composition	asphalt, dearomatized solvents, performance additives
Consumption	approx. 1.2 kg / 1 mm ²
Substrate and ambient temperature during application and setting	from +5°C to +35°C
Drying time	no staining after 3-5 h, completely dry after 35 days
Compliance with standard	PN-B-24620



Available packages:



IZOLEX STYRBIT 2000-K

asphalt-rubber compound

- ▶ **Use:** bonding layered boards [polystyrene roofing membrane], polystyrene boards, mineral wool or other insulating materials to concrete, bitumen [also roofing membrane], trapezoidal metal sheet, etc.; bonding roofing membrane to membrane; waterproofing underground and ground parts of the buildings.
- ▶ **Properties:** can be applied on slightly damp substrates; resistant to weak acids and alkalis; may be used in contact with polystyrene type XPS, EPS.



Composition	asphalt, dearomatized solvents, SBS, and other performance additives
Consumption	waterproofing 0,6-1,2 kg / m ² ; bonding 0,8-2,0 kg / m ²
Substrate and ambient temperature during application and setting:	from +5°C to +35°C
Layer drying time	no staining after 6 h, completely dry after 24 h; full strength as an adhesive 14 days
Technical Recommendation	AT IBDIM nr AT/2016-02-3259
Compliance with standard	PN-B-24620



Available packages:



IZOLEX IZOBIT Br

asphalt-rubber priming solution

- ▶ **Use:** primer for solvent-based coating waterproofing and weldable roofing membranes; waterproofing underground and ground parts of the buildings; applied on: concrete, brick, sheet metal, roofing membranes, and other bituminous substrates, fibre cement.
- ▶ **Properties:** deeply penetrates the substrate; very good adhesion to the substrate; resistant to aggressive substances contained in the primer; highly elastic; can be used on dry or wet substrates.



Composition	mixture of asphalts, solvents, and performance additives
Consumption	0,5-0,3 kg/m ²
Processing temp.	from +5°C to +35°C
Drying time	not more than 12 h
Technical Approval	AT/2016-02-3252
Compliance with standard	PN-B-24620



Available packages:



IZOLEX IZOBIT Dk asphalt and rubber resin-modified compound

- ▶ **Use:** maintenance of roofing made of roofing membranes, bitumen shingles, metal sheet, fibre cement; seam-free damp-proof coatings on underground parts of the building as laminates reinforced with technical fabrics.
- ▶ **Properties:** resistant to aggressive substances contained in the primer; high resistance to UV light; shows excellent plasticity, also at subzero temperatures.



Composition	mixture of asphalts, solvents, and performance additives
Consumption	0.5-0.9 kg/m ²
Processing temp.	from +5°C to +35°C
Drying time	no staining after 6 h, completely dry after 24 days
Compliance with standard	PN-B-24620

IZOLEX



Available packages:



IZOLEX COLD-APPLIED BINDER asphalt-resin binder

- ▶ **Use:** adhering bitumen roofing membranes to substrates; bonding layers of the roofing membrane, forming jointless waterproofing coatings in ground and underground parts of the building.
- ▶ **Properties:** strong binding to the substrate; resistant to weak acids and alkalis, and UV light.



Composition	mixture of asphalts, solvents, fillers, and performance additives
Consumption	0.5-1.0 kg/m ²
Processing temp.	from +5°C to +35°C
Drying time	no staining after 6 h, completely dry after 24 h bonding time as an adhesive 14-15 days
Compliance with standard	PN-B-24620



Available packages:



IZOLEX IZOBIT ALU asphalt-resin binder

- ▶ **Use:** insulating and decorating coating in silver, reflecting sunlight and sealing microcracks; for roofing membranes, bitumen shingles, fibre cement, galvanised metal sheet, bituminous coatings and concrete walls and mineral plaster.
- ▶ **Properties:** coating in silver of a decorative value, reflects sunlight to prevent heating of the surface and rooms below; resistant to weather conditions and weak acids and alkalis; significantly extends the lifespan of roofing, very good adhesion to the substrate.



Composition	mixture of asphalts, polymers and the aluminium pigment in the form of flakes
Consumption	0.10-0.25 kg/m ²
Processing temp.	from +5°C to +35°C
Drying time	no staining after 6 h, completely dry after 12 days
Thickness of a single layer	0.1-0.25 mm
Compliance with standard	PN-B-24004

solvent-based bitumens



Available packages:



IZOLEX IZOFOL

fluid sealing film

- ▶ **Use:** for elastic waterproof damp courses before tiling in areas exposed to water and moisture [bathrooms, toilets, kitchens, laundry rooms, etc.].
- ▶ **Properties:** can be used both on dry or wet substrates; bridges cracks, permanently elastic, to be applied on vertical or horizontal surfaces [thixotropic]; very good adhesion of adhesives.



Composition	dispersion of plastics, additives
Consumption	approx. 1.3 kg/m ² /mm
Processing temp.	from +5°C to +30°C
Drying time	30 ± 10 min.
Technological time interval between application of individual layers	approx. 6 h
National technical assessment	ITB-KOT-2018/0506



Available packages:



IZOLEX IZOFOL FLEX

fluid sealing film

- ▶ **Use:** elastic waterproof damp courses in areas exposed to water and moisture [balconies, bathrooms, toilets, kitchens]; used under ceramic tiles; not to be used on deckings.
- ▶ **Properties:** to be applied on vertical or horizontal surfaces; bridges cracks; very good adhesion of mortars; ready-to-use; permanently elastic.



Composition	polymer dispersion, performance additives
Consumption	approx. 1.3 kg/m ² /mm
Processing temp.	from +5°C to +30°C
Technological time interval between application of individual layers	approx. 6 h
National technical assessment	PN-EN 14891



Available packages:



IZOLEX IZOFOL ROOF

protective and decorative coating

- ▶ **Use:** for protective and decorative coatings; outdoor reflective coatings on the asphalt waterproofing insulation; protective coating of concrete parts, walls, plaster, fibre cement; protection of roofing and flashings.
- ▶ **Properties:** thixotropic; resistant to UV light and chemicals contained in precipitation; waterproof; resistant to weak acids and alkalis.
- ▶ **Available colours:** brick-red, grey



Composition	acrylic dispersion, polymers
Consumption	from 0.8-1.2 kg/m ² /layer
Number of layers	at least 2 [recommend 3]
Processing temp.	from +5°C to +30°C
Layer drying time	up to 12 h



Available packages:



IZOLEX CEMIZOL 2EP

two-component elastic sealing mortar

- ▶ **Use:** for elastic watertight damp courses, indoor and outdoor use in areas exposed to water and moisture [walls, floors, balconies, deckings, stairs, pedestals, etc.]; can be used under cladding.
- ▶ **Properties:** can be applied on heavily loaded substrates, vertical or horizontal surfaces; resistant to frost; watertight and elastic; bridges cracks; insulation rough surface improves adhesion of adhesives to tile and ceramic cladding.



Composition	water dispersion of plastics, modified cement mixture
Consumption	1,5-1,6 kg/m ² /1 mm
Processing temp.	from +5°C to +25°C
Technological time interval between application of individual layers	4-6 h
Compliance with standard	PN-EN 14891
Technical Approval	ITB AT-15-9744/2016



Available packages:



IZOLEX CEMIZOL HSR

two-component, polymer and cement elastic mortar

- **Use:** repair, reinforcing, protection, and waterproofing concrete surfaces and structures; for the protection of concrete structures and surfaces that do not require the use of a complete PCC system, particularly suitable for waterproofing and corrosion protection of concrete substrates; protection of hydraulic facilities, wastewater treatment plant infrastructure.
- **Properties:** reduces penetration of CO₂ into the concrete structure; prevents carbonation of concrete; forms a waterproof coating; moisture-permeable; for vertical or horizontal surfaces; resistant to sulphate environment, frost, de-icing salts, seawater, slurry; XA3 class chemical resistance.



Composition	dispersion of plastics, modified cement mixture
Consumption	1,5-1,6 kg/m ² /mm
Processing temp	from +5°C to +25°C
Technological time interval between application of individual layers	4-6 h
Technical Approval	AI/2016-02-3254
Compliance with standard:	PN-EN 1504-2

IZOLEX GRUNTOFOL

fine-particle acrylic primer



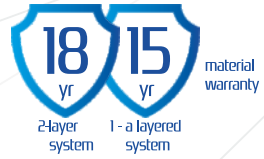
Available packages:



- **Use:** repair, reinforcing, protection, and waterproofing concrete surfaces and structures; for the protection of concrete structures and surfaces that do not require the use of a complete PCC system, particularly suitable for waterproofing and corrosion protection of concrete substrates; protection of hydraulic facilities, wastewater treatment plant infrastructure.
- **Properties:** reduces penetration of CO₂ into the concrete structure; prevents carbonation of concrete; forms a waterproof coating; moisture-permeable; for vertical or horizontal surfaces; resistant to sulphate environment, frost, de-icing salts, seawater, slurry; XA3 class chemical resistance.



Composition	dispersion of plastics, additives
Consumption	0,2-0,25 kg/m ²
Number of layers	1-2
Layer drying time	approx. 1 h
Compliance with standard	PN-EN 81906-2



IZOLMAT PLAN monomax®

highly SBS-modified heat-welded top layer bitumen membrane

► **Use:** highly SBS-modified bitumen membrane for single layer proofing of flat roofs on thermal insulation EPS, XPS, PIR boards, mineral wool or concrete. IZOLMAT PLAN monomax is a roll membrane, with SBS-modified asphalt with polyester and fiberglass reinforcing. Membrane has a wide, granules-free overlapping strip (approx. 11 cm) ensuring a single layer roofing membrane. Can be installed on wooden substrates on a protective layer made of non-weldable membranes.

► **Granules type:**  steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester reinforced with fiberglass fabric	
Asphalt type, cold flexibility [°C]	mod. SBS, -25	
Flow resistance [°C]	+100 ± 10	
Tensile strength	longitudinal	transversal
	1200 ± 300 (N/5 cm)	850 ± 250 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
	Fire rate	
B _{ros} (t), B _{ros} (t)/NRO, REI		

IZOLMAT PLAN protection®

PYE PV250 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



► **Use:** highly SBS-modified heat-welded top layer bitumen membrane with additive retarding fire spreading. For use as a second membrane layer on newly constructed roofs or as a single layer membrane for roofing repairs. Product manufactured with polyester reinforcement, provides safe and durable membrane.

► **Granules type:**  anthracite



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -25	
Flow resistance [°C]	+100 ± 10	
Tensile strength	longitudinal	transversal
	1100 ± 200 (N/5 cm)	900 ± 200 (N/5 cm)
Elongation	50 ± 10 (%)	50 ± 10 (%)
	Fire rate	
B _{ros} (t), B _{ros} (t)/NRO, REI		

IZOLMAT PLAN PYE PV250 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



► **Use:** highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type. For use as a second membrane layer on newly constructed roofs or as a single layer membrane for roofing repairs. Product manufactured with polyester reinforcement, provides safe and durable membrane. Typical high-quality heat-welded membrane used on large and small size roofs.

► **Granules type:**  steel  red  green
 autumn brown



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	SBS mod, -25°C	
Flow resistance [°C]	+100	
Tensile strength	longitudinal	transversal
	1200 ± 250 (N/5 cm)	900 ± 250 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
	Fire rate	
B _{ros} (t), B _{ros} (t), B _{ros} (t)/NRO, REI		

IZOLMAT PLAN extra PYE PV200 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



- ▶ **Use:** highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type and dimensions. Used as a membrane in two-layer systems on newly constructed roofs or as a single layer membrane for roofing repairs.

- ▶ **Granules type:**  steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	1000 ± 150 (N/5 cm)	750 ± 150 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{roof(t)} , B _{roof(t₂)} /NRO, REI	

IZOLMAT

IZOLMAT PLAN PYE PV200 S4,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



- ▶ **Use:** highly SBS-modified heat-welded top layer bitumen membrane for roofs of any substrate type and dimensions. Used as a membrane in two-layer systems on newly constructed roofs or as a single layer membrane for roofing repairs.

- ▶ **Granules type:**  steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,2	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	850 ± 150 (N/5 cm)	550 ± 150 (N/5 cm)
Elongation	50 ± 10 (%)	50 ± 10 (%)
Fire rate	B _{roof(t)} , B _{roof(t₂)} /NRO, REI	

IZOLMAT opti 20 PYE PV250 S5,2 SS

highly SBS-modified heat-welded top layer bitumen membrane



- ▶ **Use:** highly SBS-modified heat-welded top layer bitumen membrane. Used as a membrane in single-layer systems as well as in multi-layer systems with underlayer membrane or renovated roofing membranes. For heat-welding or mechanical fixing. Particularly recommended for roof flashings and at zones of intensive thermal and dynamic roof movements.

- ▶ **Granules type:**  steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester reinforced with fiberglass fabric	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	750 ± 200 (N/5 cm)	450 ± 200 (N/5 cm)
Elongation	45 ± 15 (%)	45 ± 15 (%)
Fire rate	B _{roof(t)} , B _{roof(t₂)} /NRO, REI	

heat-welded top layer bitumen membranes



IZOLMAT BIT V60 S4,2 SS

unmodified heat-welded top layer bitumen membrane



► **Use:** unmodified heat-welded top layer bitumen membrane for small size roofs and concrete substrate. Requires an underlayer membrane or repaired old roofing layers. Membrane is not used for roof details working.

► **Granules type:**  steel

Roll dimensions (m)	5 x 1	
Thickness (mm)	4,2	
Reinforcement	glass veil	
Asphalt type, cold flexibility [°C]	oxidised, 0	
Flow resistance [°C]	+80 ± 10	
	longitudinal	transversal
Tensile strength	500 ± 200	300 ± 150 (N/5 cm)
Elongation	4 ± 2 [%]	4 ± 2 [%]
Fire rate	B _{ros(t)} /NR0, REI	

IZOLMAT PLAN PYE PV250 S5,0

highly SBS-modified heat-welded underlayer bitumen membrane



► **Use:** highly SBS-modified heat-welded underlayer bitumen membrane for balconies, terraces and foundations. With strong polyester reinforcement, with high elasticity and tensility. As an underlayer membrane with no limitations of use.

► **Granules type:**  fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,8	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	1050 ± 150 (N/5 cm)	850 ± 250 (N/5 cm)
Elongation	50 ± 10 [%]	50 ± 10 [%]
Fire rate	B _{ros(t)} , B _{ros(t)} /NR0, REI	

IZOLMAT PLAN PYE G200 S4,0

highly SBS-modified heat-welded underlayer bitumen membrane



► **Use:** highly SBS-modified heat-welded underlayer membrane for mechanical fastening on roofs and for terraces and foundations proofing. With fiberglass reinforcement and high tensile strength.

► **Granules type:**  fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility [°C]	mod. SBS, -20°C	
	longitudinal	transversal
Tensile strength	1500 ± 500 (N/5 cm)	2900 ± 900 (N/5 cm)
Elongation	12 ± 7 [%]	12 ± 7 [%]
Fire rate	B _{ros(t)} , B _{ros(t)} /NR0, REI	

IZOLMAT PLAN PYE PV180 S4,0

SBS-modified heat-welded underlayer bitumen membrane



► **Use:** SBS-modified heat-welded underlayer membrane for terraces, balconies and foundations as well as the first roofing membrane layer. With strong polyester reinforcement of high elasticity and tensility, can be used for mechanical fastening.

► **Granules type:**  fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,0	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -15	
	longitudinal	transversal
Tensile strength	850 ± 150 (N/5 cm)	550 ± 150 (N/5 cm)
Elongation	50 ± 10 [%]	50 ± 10 [%]
Fire rate	B _{ros(t)} , B _{ros(t)} /NR0, REI	


IZOLMAT PLAN ultimax

low-SBS-modified heat-welded underlayer bitumen membrane



► **Use:** SBS-modified heat-welded underlayer membrane with fiberglass reinforcement used as the first roofing membrane layer, also for mechanical fastening. Instead of fine granules the membrane is top coated with easily fusible non-woven fabric accelerating the welding of the subsequent membrane layer.

► **Top coat:**  non-woven fabric



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.5	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	mod. SBS, -5	
	longitudinal	transversal
Tensile strength	1500 ± 500 (N/5 cm)	2800 ± 800 (N/5 cm)
Elongation	6 ± 3 (%)	6 ± 3 (%)
Fire rate	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	


IZOLMAT PLAN ultimax SBS

SBS-modified heat-welded underlayer bitumen membrane



► **Use:** SBS-modified heat-welded underlayer bitumen membrane with fiberglass reinforcement used as the first roofing membrane layer. Used also as damp- and waterproofing of underground building elements (type A and T). Instead of fine granules the membrane is top coated with easily fusible non-woven fabric accelerating the welding of the subsequent membrane layer. The modification of asphalt used in the membrane allows to use the product in low ambient temperature. For heat-welding and mechanical fastening.

► **Top coat:**  non-woven fabric



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.5	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	mod. SBS, -15	
	longitudinal	transversal
Tensile strength	1500 ± 500 (N/5 cm)	2900 ± 900 (N/5 cm)
Elongation	8 ± 4 (%)	8 ± 4 (%)
Fire rate	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	

IZOLMAT PLAN PYE


PV160 S3,0

SBS-modified heat-welded underlayer bitumen membrane



► **Use:** SBS-modified heat-welded underlayer bitumen membrane for terraces, balconies and foundations, also used as the first roofing membrane layer. With strong polyester reinforcement of high elasticity and tensility, can be used for mechanical fastening.

► **Granules type:**  fine grain



Roll dimensions (m)	7.5 x 1	
Thickness (mm)	3.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, -15	
	longitudinal	transversal
Tensile strength	750 ± 150 (N/5 cm)	500 ± 150 (N/5 cm)
Elongation	45 ± 15 (%)	45 ± 15 (%)
Fire rate	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	

IZOLMAT opti 20 PYE


PV200 S4,0

highly SBS-modified heat-welded underlayer bitumen membrane



► **Use:** highly SBS-modified heat-welded underlayer bitumen membrane used for roof waterproofing as well as damp- and waterproofing of underground building elements (type A and T). Enables to form systems meeting the B_{roof}(t₁), B_{roof}(t₂) class. For heat-welding and mechanical fastening.

► **Granules type:**  fine grain



Roll dimensions (m)	7.5 x 1	
Thickness (mm)	4.0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	850 ± 250 (N/5 cm)	650 ± 300 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	

IZOLMAT opti 5 PYE PV200 S4,0

low-SBS-modified heat-welded underlayer bitumen membrane



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,0	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -5	
	longitudinal	transversal
Tensile strength	850 ± 250 (N/5 cm)	650 ± 300 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{roof} (t), B _{roof} (t)/NRO, REI	



► Use: low-SBS-modified heat-welded underlayer bitumen membrane used for roof waterproofing as well as damp- and waterproofing of underground building elements (type A and T). Enables to form systems meeting the B_{roof}(t), B_{roof}(t) class. For heat-welding and mechanical fastening.

► Granules type:  fine grain

IZOLMAT opti 5 PYE G200 S4,0

low-SBS-modified heat-welded underlayer bitumen membrane



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility [°C]	mod. SBS, -5	
	longitudinal	transversal
Tensile strength	1500 ± 500 (N/5 cm)	2800 ± 800 (N/5 cm)
Elongation	6 ± 3 (%)	6 ± 3 (%)
Fire rate	B _{roof} (t), B _{roof} (t)/NRO, REI	



► Use: modified heat-welded underlayer bitumen membrane with addition of SBS used as damp-proofing of underground building elements (type A). Used also as an underlayer membrane in two-layer roofing systems. For heat-welding and mechanical fastening.

► Granules type:  fine grain

IZOLMAT BIT G200 S4,0

unmodified heat-welded underlayer bitumen membrane



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility [°C]	oxidated, 0	
	longitudinal	transversal
Tensile strength	1500 ± 500 (N/5 cm)	2800 ± 800 (N/5 cm)
Elongation	6 ± 3 (%)	6 ± 3 (%)
Fire rate	B _{roof} (t), B _{roof} (t)/NRO, REI	



► Use: unmodified heat-welded underlayer bitumen membrane for mechanical fastening on thermal insulation and for water vapour barriers on sheet and concrete substrates. Used also as damp-proofing of underground building elements (type A). Can be used in periods of temperature above +5°C within whole day and night time.

► Granules type:  fine grain

IZOLMAT BIT V60 S4,0

unmodified heat-welded underlayer bitumen membrane



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,0	
Reinforcement	glass veil	
Asphalt type, cold flexibility [°C]	oxidated, 0	
	longitudinal	transversal
Tensile strength	500 ± 200 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)
Fire rate	B _{roof} (t)/NRO, REI	



► Use: unmodified heat-welded underlayer bitumen membrane with fiberglass reinforcement. Used as the first layer on roof concrete substrates or as water vapour barrier beneath thermal insulation on concrete substrates.

► Granules type:  fine grain

IZOLMAT BIT V60 S3,0

unmodified heat-welded underlayer bitumen membrane



- ▶ **Use:** unmodified heat-welded underlayer bitumen membrane with fiberglass fabric reinforcement. Used as the first layer on roof concrete substrates or as water vapour barrier beneath thermal insulation on concrete substrates.

- ▶ **Granules type:**  fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	3,0	
Reinforcement	glass veil	
Asphalt type, cold flexibility (°C)	oxidated, 0	
	longitudinal	transversal
Tensile strength	500 ± 200 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)
Fire rate	B _{cor} (t)/NRO, REI	

IZOLMAT

IZOLMAT TOP SP

highly SBS-modified self-adhesive top layer bitumen membrane



- ▶ **Use:** highly SBS-modified self-adhesive top layer bitumen membrane for any substrate type, including the wooden and wood-based one. Fixed onto underlayer membrane or old renovated roofing membrane. Can be mechanically fastened. Recommended for zones where open flame must not be used. Performing flashings according to the product technical data sheet guidelines.

- ▶ **Granules type:**  steel



Roll dimensions (m)	5 x 1	
Thickness (mm)	4,2	
Reinforcement	polyester reinforced with fiberglass fabric	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	1000 ± 250 (N/5 cm)	750 ± 250 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{cor} (t)/ NRO, REI	

IZOLPLAN PYE G200 S3,0 SP

highly SBS-modified self-adhesive underlayer bitumen membrane



- ▶ **Use:** highly SBS-modified self-adhesive underlayer bitumen membrane used on thermal insulation boards on roofs and terraces. Can be mechanically fastened to mineral wool panels. Top coated with foil. Performing flashings according to the product technical data sheet guidelines.

- ▶ **Top coat:**  foil



Roll dimensions (m)	10 x 1	
Thickness (mm)	3,0	
Reinforcement	fiberglass	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
Tensile strength	longitudinal	transversal
	1500 ± 500 (N/5 cm)	2900 ± 900 (N/5 cm)
Elongation	12 ± 7 (%)	12 ± 7 (%)
Fire rate	B _{cor} (t), B _{cor} (t), B _{cor} (t)/NRO, REI	

IZOLMAT PLAN green roof PYE PV250 S5,0

highly SBS-modified heat-welded bitumen membrane



- ▶ **Use:** highly SBS-modified heat-welded bitumen membrane with additive limiting the roots growth, manufactured with polyester reinforcement. Used on green roofs as the second sealing and roots blocking layer. Prolonged membrane durability resulting from greater thickness and stronger reinforcement.

- ▶ **Granules type:**  coarse grain



Roll dimensions (m)	5,5 x 1	
Thickness (mm)	5,0	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	mod. SBS, -20	
Tensile strength	longitudinal	transversal
	1100 ± 150 (N/5 cm)	900 ± 200 (N/5 cm)
Elongation	50 ± 10 (%)	50 ± 10 (%)

special application bitumen membranes

IZOLMAT PLAN green roof PYE PV200 S4,2

highly SBS-modified heat-welded bitumen membrane



► **Use:** highly SBS-modified heat-welded bitumen membrane with additive limiting the roots growth, manufactured with polyester reinforcement. Used on green roofs as the second sealing and roots blocking layer.

► **Granules type:**  fine grain



Roll dimensions (m)	5,5 x 1	
Thickness (mm)	4,2	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	850 ± 150 (N/5 cm)	550 ± 150 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)

IZOLPLAN membrana[®] SP

self-adhesive bituminous membrane



► **Use:** self-adhesive roofing membrane, highly modified with SBS for damp-proof and waterproof insulation on vertical underground parts of the buildings. Can be used for insulating deckings together with mineral insulation. Easy to apply on primed concrete surfaces. It has a thick polyethylene film on top, and self-adhesive asphalt underside after the removal of an anti-adhesive spacer. After application immediately provides excellent protection.

► **Granules type:**  foil



Roll dimensions (m)	15 x 1	
Thickness (mm)	15	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	≥ 200	≥ 200
Elongation	≥ 100 %	≥ 100 %

IZOLMAT PLAN aquastoper[®] AI (SP)

highly SBS-modified bitumen membrane



► **Use:** highly SBS-modified bitumen membrane, easy to lay, for proofing cellar floors and for water vapour barrier on terraces and roofs on concrete substrate. Laid on cellar floors forms a barrier against diffusion of health harmful radioactive radon. With self-adhesive strip for alongside easy membrane strips jointing.

► **Top coat:**  fine grain

 foil



Roll dimensions (m)	20 x 1	
Thickness (mm)	15	
Reinforcement	glass veil + AL	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	500 ± 200 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)

IZOLMAT PLAN optimax[®] PV

highly SBS-modified bitumen membrane



► **Use:** highly SBS-modified bitumen membrane, for sloped roofs, applied with one-layer on wooden substrates prior to the roofing tiles, steel roofing tiles or shingles fixing. Fastened to the substrate with nails with pads, additional sealing with bitumen adhesive advisable.

► **Granules type:**  fine grain



Roll dimensions (m)	20 x 1	
Thickness (mm)	1100 g/m ² +/- 10	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -25	
	longitudinal	transversal
Tensile strength	450 ± 150 (N/5 cm)	350 ± 150 (N/5 cm)
Elongation	40 ± 15 (%)	40 ± 15 (%)

IZOLVENT

perforated ventilating bitumen membrane



► **Use:** membrane designed for ventilating layers in multi-layer roofing systems. Easy to lay on the substrate, point fastening to the substrate by membrane perforation when executing the main waterproofing layer.

► **Top coat:**  foil



Roll dimensions (m)	20 x 1
Thickness (mm)	1.3
Reinforcement	glass veil
Asphalt type, cold flexibility (°C)	oxidized 0
Flow resistance (°C)	+70

IZOLMAT

IZOLMAT V60 S4,0 AI

vapor barrier



► **Use:** membrane with a composite of glass veil and aluminum foil. It has a high diffusion resistance, therefore it is especially recommended as a vapor barrier on a stable concrete foundation, it can be used for floor insulation. It is an excellent anti-radon barrier. Membrane for heat welding.

► **Granules type:**  fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	4.0	
Reinforcement	glass veil +Al	
Asphalt type, cold flexibility (°C)	oxidized 0	
	longitudinal	transversal
Tensile force	500 ± 200 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)
Fire classification	B _{ver} (t)/NRO, REI	

IZOLMAT THERMOSTICK

Underlay roofing membrane modified with SBS



► **Use:** roofing membrane for vapour-barrier coating and bonding polystyrene boards, XPS and PIR. Boards are bonded by heating with a burner strips of glue on the top side of the roofing membrane.

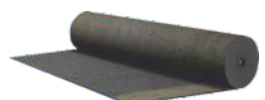
► **Top coat:**  fast-melting film with self-adhesive strip



Roll dimensions (m)	10 x 1	
Thickness (mm)	2.5 ± 0.2	
Reinforcement	polyester reinforced fiberglass fabric	
Asphalt type, cold flexibility (°C)	mod. SBS, -10	
	longitudinal	transversal
Tensile force	600 ± 200 (N/5 cm)	450 ± 200 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire classification	F _{roof}	

W 400/1200

non-weldable top layer bitumen membrane



► **Use:** non-weldable top layer bitumen membrane with cardboard reinforcement for concrete or wooden substrates. Used in minimum two-layer systems. Fixed with bitumen adhesives or mechanically with nails with pads.

► **Granules type:**  coarse grain



Roll dimensions (m)	15 x 1; 7.5 x 1	
Weight (kg/m ²)	26	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
Flow resistance (°C)	+80 ± 10	
	longitudinal	transversal
Tensile strength	500 ± 300 (N/5 cm)	400 ± 200 (N/5 cm)
Elongation	3 ± 2 (%)	3 ± 2 (%)
Fire rate	F _{roof}	

special application bitumen membranes

traditional membranes

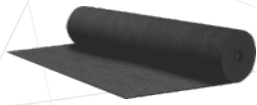


P333-I non-weldable underlayer bitumen membrane

► **Use:** non-weldable underlayer bitumen membrane for wooden and concrete substrates. Fixed with bitumen adhesives on concrete substrates and mechanically with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes.

► **Granules type:**  fine grain

Roll dimensions (m)	15 x 1; 10 x 1; 7,5 x 1	
Weight (kg/m ²)	2,0	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
	longitudinal	transversal
Tensile strength	500 ± 300 (N/5 cm)	400 ± 200 (N/5 cm)
Elongation	3 ± 2 (%)	3 ± 2 (%)
Fire rate	F _{mod}	



I-333 bitumen membrane

► **Use:** for temporary protection against water and damp action. Fixed with bitumen adhesives only and with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes.

► **Top coat:**  construction cardboard

Roll dimensions (m)	20 x 1; 40 x 1	
Weight (kg/m ²)	0,63	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
	longitudinal	transversal
Tensile strength	500 ± 300 (N/5 cm)	400 ± 200 (N/5 cm)
Elongation	3 ± 2 (%)	3 ± 2 (%)



P/64/1200 non-weldable underlayer bitumen membrane with fiberglass reinforcement

► **Use:** non-weldable underlayer bitumen membrane with glass veil reinforcement for wooden and concrete substrates. Fixed with bitumen adhesives on concrete substrates and mechanically with nails with pads on wooden substrates. Used as the first layer beneath non-weldable top layer bitumen membranes. Recommended as an underlayer beneath bitumen shingles.

► **Granules type:**  fine grain

Roll dimensions (m)	15 x 1; 15 x 1,05	
Weight (kg/m ²)	2,3	
Reinforcement	glass veil	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
	longitudinal	transversal
Tensile strength	500 ± 200 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	3 ± 1 (%)	3 ± 1 (%)
Fire rate	F _{mod}	



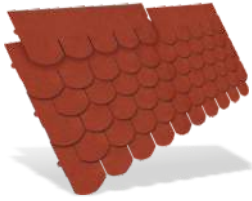
P/100/1200 F non-weldable underlayer bitumen membrane with fiberglass reinforcement

► **Use:** non-weldable underlayer bitumen membrane with glass veil reinforcement for wooden and concrete substrates. Fixed with bitumen adhesives on concrete substrates and mechanically with nails with pads on wooden substrates. Used as the first layer beneath nonweldable top layer bitumen membranes.

► **Granules type:**  fine grain

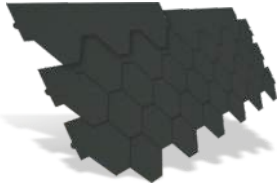
Roll dimensions (m)	15 x 1,05	
Weight (kg/m ²)	2,3	
Reinforcement	glass veil	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
	longitudinal	transversal
Tensile strength	800 ± 300 (N/5 cm)	500 ± 200 (N/5 cm)
Elongation	3 ± 1 (%)	3 ± 1 (%)
Fire rate	F _{mod}	

BITUMEN SHINGLES



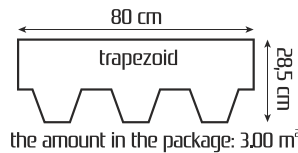
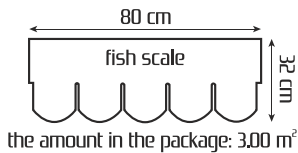
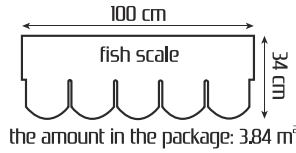
FISH SCALE

- ▶ **Properties:**
Owing to flexibility shingles can be used on roofs of complex shapes. Can also be used on roofs of significant angle of inclination.
- ▶ **Easy application:**
Technology of shingles application is not complicated. Easy and quick in use. No need of gas welders, perfect for independent application.
- ▶ **Low cost:**
More competitive price in comparison to sheet or ceramic roofing tiles with great aesthetics and durability.
- ▶ **Little waste:**
Shingles consist of handy, small modules, therefore there is little waste even on roofs of complex shapes.
- ▶ **Silent roof:**
Bitumen masses used for shingles manufacturing suppress sound, therefore even during heavy rain or hailstorm there is no rumble, typical for sheet roofing tiles heard indoors.
- ▶ **Easy to transport:**
As shingles are much lighter than tiles, they can be easily handled, work progress is faster and the transport is cheaper.
- ▶ **Low weight:**
Roofing made of bitumen shingles are extremely light, therefore the load on rafter framing is reduced. Excellent for repairs and renovation, when weight is particularly important.
- ▶ **Stylish look:**
Shingles are available in various colours and shapes, therefore original aesthetic roofing can be achieved.



TRAPEZOID

Available shapes:



Available colors:



1000 mm		
Reaction to fire	class E	
Thickness (mm)	approx. 3 mm	
Flow resistance in 90°C	≤ 2 mm	
	in the width direction	in the height direction
Maximum tensile strength	> 600 N/5 cm	> 400 N/5 cm
Nail tear resistance	> 100 N	
Asphalt content	> 1300 g/m²	
UV resistance	positive	
Absorptiveness	< 2%	
Granule adhesion	≤ 2,5 g	
Hazardous substances	free of asbestos nor coal tar ingredients	



800 mm		
Reaction to fire	class E	
Thickness (mm)	approx. 2,7 mm	
Flow resistance in 90°C	< 2 mm	
	in the width direction	in the height direction
Maximum tensile strength	≥ 600 N/5 cm	≥ 400 N/5 cm
Nail tear resistance	≥ 100 N	
Asphalt content	(959 ± 150) g/m²	
UV resistance	positive	
Absorptiveness	< 2%	
Granule adhesion	≤ 2,5 g	
Hazardous substances	free of asbestos nor coal tar ingredients	



IZOLMAT PRODUCTS		roll dimensions (m)	Thickness (mm)	Granules type	Reinforcement
I. HEAT-WELDED TOP LAYER BITUMEN MEMBRANES					
1	IZOLMAT PLAN monomax®	5 x 1	5,2	steel	polyester reinforced with fiberglass fabric
2	IZOLMAT PLAN protection® PYE PV250 S5,2 S5	5 x 1	5,2	antracyt	polyester
3	IZOLMAT PLAN PYE PV250 S5,2 S5	5 x 1	5,2	steel, black, green, brown	polyester
4	IZOLMAT PLAN extra PYE PV200 S5,2 S5	5 x 1	5,2	steel	polyester
5	IZOLMAT PLAN PYE PV200 S4,2 S5	5 x 1	4,2	steel	polyester
6	IZOLMAT opti 20 PYE PV250 S5,2 S5	5 x 1	5,2	steel	polyester reinforced with fiberglass fabric
7	IZOLMAT BIT V60 S4,2 S5	5 x 1	4,2	grey	glass veil
II. HEAT-WELDED UNDERLAYER BITUMEN MEMBRANES					
1	IZOLMAT PLAN PYE PV250 S5,0	5 x 1	4,8	petite	polyester
2	IZOLMAT PLAN PYE G200 S4,0	5 x 1	4,0	petite	fiberglass
3	IZOLMAT PLAN PYE PVI80 S4,0	7,5 x 1	4,0	petite	polyester
4	IZOLMAT PLAN ultimax	10 x 1	2,5	non-woven fabric	polyester
5	IZOLMAT PLAN ultimax SBS	10 x 1	2,5	non-woven fabric	fiberglass
6	IZOLMAT PLAN PYE PVI60 S3,0	7,5 x 1	3,0	petite	polyester
7	IZOLMAT opti 20 PYE PV200 S4,0	7,5 x 1	4,0	petite	polyester
8	IZOLMAT opti 5 PYE PV200 S4,0	7,5 x 1	4,0	petite	polyester
9	IZOLMAT opti 5 PYE G200 S4,0	7,5 x 1	4,0	petite	fiberglass
10	IZOLMAT BIT G200 S4,0	5 x 1	4,0	petite	fiberglass
11	IZOLMAT BIT V60 S4,0	5 x 1	4,0	petite	glass veil
12	IZOLMAT BIT V60 S3,0	7,5 x 1	3,0	petite	glass veil
III. SPECIAL MEMEMBRANES					
1	IZOLMAT TOP SP*	5 x 1	4,2	grey	polyester reinforced with fiberglass fabric
2	IZOLPLAN PYE G200 S3,0 SP*	10 x 1	3,0	foil	fiberglass
3	IZOLMAT PLAN green roof PYE PV250 S5,0	5,5 x 1	5,0	thick	polyester
4	IZOLMAT PLAN green roof PYE PV200 S4,2	5,5 x 1	4,2	thick	polyester
5	IZOLPLAN membrana® SP*	15 x 1	1,5	foil	foil
6	IZOLMAT PLAN aquastoper® Al	30 x 1	1,5	foil	composite of aluminium foil and fiberglass
7	IZOLMAT PLAN optimax® PV	20 x 1	-	petite	polyester
8	IZOLVENT**	20 x 1	1,3	foil	glass veil
9	IZOLMAT V60 S4,0 Al	5 x 1	4,0	petite	glass veil + Al
10	IZOLMAT THERMOSTICK	10 x 1	2,5	petite	polyester reinforced with fiberglass fabric
IV. TRADITIONAL MEMBRANES					
1	W400/1200	15 x 1; 7,5 x 1	2,6	thick	cardboard
2	P33-I	15 x 1; 10 x 1; 7,5 x 1	2,0	petite	cardboard
3	I-333	20 x 1; 40 x 1	0,63	-	cardboard
4	P/64/1200	15 x 1	2,3	petite	glass veil
5	P/100/1200F	15 x 1	2,3	petite	glass veil

*self adhesive membrane * loosely laid

- anti-Radon barrier

PYE – SBS-modified membrane

BIT – oxidated membrane with flexibility 0°C

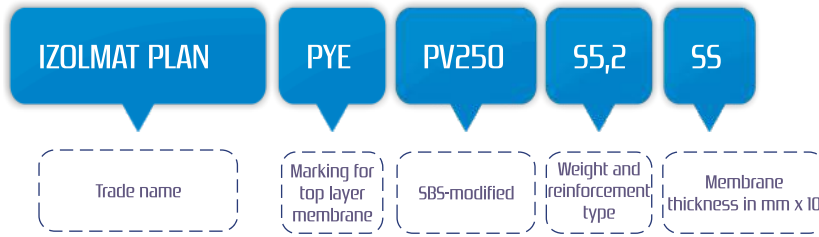
 V60 – membrane with glass veil reinforcement with weight of 60g/m²

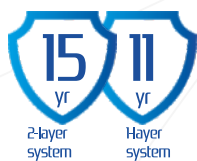
 G200 – membrane with glassfibre reinforcement with weight of 200 g/m²

 PV250 – membrane with polyester reinforcement meeting requirements of non-woven fabric with weight of 250 g/m²

	Asphalt type, cold flexibility [°C]	Flow resistance [°C]	Tensile strength - longitudinal - transversal [N/50 mm]	Elongation - longitudinal - transversal [N/50 mm]	Fire rate	material warranty [years]
I.						
1	SBS mod. -25	+100	1200±300, 850±250	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	15/18
2	SBS mod. -25	+100	1100±200, 900±200	50±10, 50±10	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	18
3	SBS mod. -25	+100	1200±250, 900±250	50±10, 50±10	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	17
4	SBS mod. -20	+100	1000±150, 750±150	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	14
5	SBS mod. -20	+100	850±150, 550±150	50±10, 50±10	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	13
6	SBS mod. -20	+100	750±200, 450±200	45±15, 45±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	11
7	SBS mod. -20	+100	500±200, 500±150	4±2, 4±2	B _{roof} (t ₁)/NRO, REI	5
II.						
1	SBS mod. -20	-	1050±150, 850±250	50±10, 50±10	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	15
2	SBS mod. -20	-	1500±500, 2900±900	12±7, 12±7	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	13
3	SBS mod. -15	-	850±150, 550±150	50±10, 50±10	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	10
4	SBS mod. -5	-	1500±500, 2800±800	6±3, 6±3	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	7
5	SBS mod. -15	-	1500±500, 2900±900	8±4, 8±4	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	10
6	SBS mod. -15	-	750±150, 500±150	45±15, 45±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	9
7	SBS mod. -20	-	850±250, 650±300	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	10
8	SBS mod. -5	-	850±250, 650±300	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	7
9	SBS mod. -5	-	1500±500, 2800±800	6±3, 6±3	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	7
10	oxidised, 0	-	1500±500, 2800±800	6±3, 6±3	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	7
11	oxidised, 0	-	500±200, 300±150	4±2, 4±2	B _{roof} (t ₁)/NRO, REI	5
12	oxidised, 0	-	500±200, 300±150	4±2, 4±2	B _{roof} (t ₁)/NRO, REI	4
III.						
1	SBS mod. -20	+100	1000±250, 800±250	50±15, 50±15	B _{roof} (t ₁)/NRO, REI	10
2	SBS mod. -20	-	1500±500, 2900±900	12±7, 12±7	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	13
3	SBS mod. -20	-	1100±150, 900±200	50±10, 50±10	B _{roof} (t ₃), B _{roof} (t ₁)	25
4	SBS mod. -20	-	850±150, 550±150	50±15, 50±15	B _{roof} (t ₃), B _{roof} (t ₁)	20
5	SBS mod. -20	-	≥200, ≥200	≥100%, ≥100%	-	15
6	SBS mod. -20	-	500±200, 300±150	4±2, 4±2	-	15
7	SBS mod. -25	-	450±150, 350±150	40±15, 40±15	-	2
8	oxidised, 0	+70	-	-	-	-
9	oxidised, 0	+70	500±500, 300±150	4±2, 4±2	B _{roof} (t ₁)/NRO, REI	8
10	SBS mod. -10	+90	600±200, 450±200	50±15, 50±15	F _{roof}	9
IV.						
1	oxidised, 0	+80	500±300, 400±200	3±3, 3±2	F _{roof}	1
2	oxidised, 0	-	500±300, 400±200	3±3, 3±2	F _{roof}	1
3	oxidised, 0	-	500±300, 400±200	3±3, 3±2	-	1
4	oxidised, 0	-	500±200, 300±150	3±1, 3±1	F _{roof}	1
5	oxidised, 0	-	800±300, 500±300	3±1, 3±1	F _{roof}	1

Membrane symbol





material warranty

NEXLER PREMIUM ONE (PYE PV250 S53)

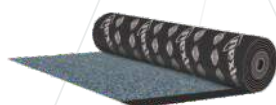
highly SBS-modified heat-welded top layer bitumen membrane

► **Use:** highly SBS-modified top layer bitumen membrane for single- and multi-layer roofing systems, used as the top layer. For mechanical fastening and heat-welding. With wide granules-free overlapping strip ensuring a single layer roofing membrane.

► **Granules type:**  grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,3	
Reinforcement	polyester reinforced with fiberglass fabric	
Asphalt type, cold flexibility (°C)	SBS mod., -20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	1200 ± 300 (N/5 cm)	850 ± 250 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{ros} (t), B _{ros} (t ₂)/NRO, REI	



material warranty

NEXLER PREMIUM 56H (PYE PV250 S56)

highly SBS-modified heat-welded top layer bitumen membrane

► **Use:** highly SBS-modified heat-welded top layer bitumen membrane used as the top layer in multi-layer roofing systems and as a single layer in case of roofing membrane renovation. For mechanical fastening and heat-welding. Reinforced with polyester, provides safety and membrane durability.

► **Granules type:**  grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,6	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -25	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	1200 ± 200 (N/5 cm)	900 ± 200 (N/5 cm)
Elongation	60 ± 15 (%)	60 ± 15 (%)
Fire rate	B _{ros} (t), B _{ros} (t ₂)/NRO, REI	






material warranty

NEXLER PREMIUM 53H (PYE PV250 S53)

highly SBS-modified heat-welded top layer bitumen membrane

► **Use:** highly SBS-modified heat-welded top layer bitumen membrane used as the top layer in multi-layer roofing systems and as single layer waterproofing in case of roofing membrane renovation. For heat-welding. Reinforced with polyester, provides safety and membrane durability.

► **Granules type:**  grey  claret  green



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -25	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	1200 ± 250 (N/5 cm)	900 ± 250 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{ros} (t), B _{ros} (t ₂), B _{ros} (t ₃)/NRO, REI	



material warranty

NEXLER PJ 53H

highly SBS-modified heat-welded top layer bitumen membrane

► **Use:** highly SBS-modified heat-welded bitumen membrane for single and multilayer roofing as the top layer. For heat-welding. Reinforced with polyester strengthened with fiberglass, provides safe and durable membrane.

► **Granules type:**  grey



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,3	
Reinforcement	polyester	
Asphalt type, cold flexibility (°C)	SBS mod., -20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	900 ± 250 (N/5 cm)	700 ± 250 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{ros} (t), B _{ros} (t ₂), B _{ros} (t ₃)/NRO, REI	

NEXLER PJ 52H

highly SBS-modified heat-welded top layer bitumen membrane

- ▶ **Use:** low SBS-modified heat-welded bitumen membrane for single and multilayer roofing as the top layer. For heat-welding. Reinforced with fiberglass fabric, owing to which is more resistant to overheating.

- ▶ **Granules type:**  grey



Roll dimensions (m)	6 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester reinforced with fiberglass fabric	
Asphalt type, cold flexibility (°C)	SBS mod., - 20	
Flow resistance (°C)	+100 ± 10	
	longitudinal	transversal
Tensile strength	700 ± 300 - 200 (N/5 cm)	700 ± 300 - 200 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{mod} (t), B _{mod} (t ₂), B _{mod} (t ₃)/NRO, REI	

NEXLER PJ 52H Medium

low SBS-modified heat-welded top layer bitumen membrane

- ▶ **Use:** low SBS-modified heat-welded bitumen membrane for single and multilayer roofing as the top layer. For heat-welding. Reinforced with fiberglass fabric, owing to which is more resistant to overheating.

- ▶ **Granules type:**  grey



Roll dimensions (m)	5,2 6 x 1	
Thickness (mm)	5,2	
Reinforcement	polyester reinforced with fiberglass fabric	
Asphalt type, cold flexibility (°C)	SBS mod., - 5	
Flow resistance (°C)	+90 ± 10	
	longitudinal	transversal
Tensile strength	700 ± 300 - 200 (N/5 cm)	500 ± 300 - 200 (N/5 cm)
Elongation	20 ± 35 - 16 (%)	20 ± 35 - 16 (%)
Fire rate	B _{mod} (t)/NRO, REI	

NEXLER STANDARD 42H (V60 S42)

unmodified heat-welded top layer bitumen membrane

- ▶ **Use:** unmodified heat-welded bitumen membrane for multi-layer roofing as the top layer. For heat-welding on stable substrates. Membrane is not used for roof details working.

- ▶ **Granules type:**  grey



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,2	
Reinforcement	glass veil	
Asphalt type, cold flexibility (°C)	oxidized, 0°C	
Flow resistance (°C)	+80 ± 10	
	longitudinal	transversal
Tensile strength	550 ± 150 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)
Fire rate	B _{mod} (t)	

NEXLER W400

top layer bitumen membrane with cardboard reinforcement

- ▶ **Use:** membrane for standard multi-layer damp- and waterproofing. Particularly recommended as the top layer of multilayer roofing systems on ferroconcrete roofs and ceilings, concrete substrates made of concrete screeds applied on the thermal insulation layer and on wooden substrates onto which it is fixed with an adhesive and additionally fastened with nails with pads. Material coated from both sides with oxidized asphalt, with coarse grain mineral granules on the top side and fine grain on the bottom side.

- ▶ **Granules type:**  grey



Roll dimensions (m)	15 x 1; 7,5 x 1	
Thickness (mm)	2,0	
Reinforcement	cardboard	
Asphalt type, cold flexibility (°C)	oxidized 0	
Flow resistance (°C)	+80 ± 10	
	longitudinal	transversal
Tensile strength	500 ± 300 (N/5 cm)	350 ± 200 (N/5 cm)
Elongation	3 ± 2 (%)	3 ± 2 (%)
Fire rate	F _{mod}	

NEXLER PREMIUM 47

(PYE PV250 S47)

highly SBS-modified heat-welded underlayer bitumen membrane

- ▶ **Use:** highly SBS-modified heat-welded underlayer bitumen membrane used as: underlayer in multi-layer roofing, single-layer building damp-proofing (type A) and multi-layer waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. Recommended for balconies and terraces.

- ▶ **Granules type:**  fine grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	47	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	SBS mod., - 25	
	longitudinal	transversal
Tensile strength	1200 ± 200 [N/5 cm]	900 ± 200 [N/5 cm]
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{cor} (t), B _{cor} (t ₂)/NRO, REI	



NEXLER PREMIUM 40

(PYE PV200 S40)

highly SBS-modified heat-welded underlayer bitumen membrane

- ▶ **Use:** highly SBS-modified heat-welded underlayer bitumen membrane used as: underlayer in multi-layer roofing, single-layer building damp-proofing (type A) and multi-layer waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. Recommended for balconies and terraces.

- ▶ **Granules type:**  fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	40	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	SBS mod., - 20	
	longitudinal	transversal
Tensile strength	900 ± 200 [N/5 cm]	650 ± 200 [N/5 cm]
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{cor} (t), B _{cor} (t ₂), B _{cor} (t ₃)/NRO, REI	



NEXLER PREMIUM 29

(PYE PV180 S29)

highly SBS-modified heat-welded underlayer bitumen membrane

- ▶ **Use:** highly SBS-modified heat-welded underlayer bitumen membrane used as: underlayer in multi-layer roofing, single-layer building damp-proofing (type A) and multi-layer waterproofing of underground building elements (type T). For heat-welding and mechanical fastening.

- ▶ **Granules type:**  fine grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	29	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	SBS mod., - 20	
	longitudinal	transversal
Tensile strength	850 ± 200 [N/5 cm]	600 ± 200 [N/5 cm]
Elongation	45 ± 15 (%)	45 ± 15 (%)
Fire rate	B _{cor} (t), B _{cor} (t ₂)/NRO, REI	



NEXLER PJ G40 medium

low SBS-modified heat-welded underlayer bitumen membrane

- ▶ **Use:** low SBS-modified heat-welded bitumen membrane for multilayer roofing as the underlayer, for single-layer damp-proofing of buildings (type A), for waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. With fiberglass insert.

- ▶ **Granules type:** 



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	40	
Reinforcement	fiberglass	
Asphalt type, cold flexibility [°C]	SBS mod., - 5	
	longitudinal	transversal
Tensile strength	1300 ± 500 [N/5 cm]	2500 ± 800 [N/5 cm]
Elongation	7 ± 3 (%)	7 ± 3 (%)
Fire rate	B _{cor} (t), B _{cor} (t ₂), B _{cor} (t ₃)/NRO, REI	



NEXLER PJ 40

highly SBS-modified heat-welded underlayer bitumen membrane



- ▶ Use: highly SBS-modified heat-welded bitumen membrane for multilayer roofing as the underlayer, for single-layer damp-proofing of buildings (type A), for waterproofing of underground building elements (type T). For heat-welding and mechanical fastening. Reinforced with polyester and fiberglass fabric, owing to which is more resistant to overheating.

- ▶ Granules type:  fine grain



Roll dimensions (m)	7,5 x 1	
Thickness (mm)	4,0	
Reinforcement	polyester with fiberglass fabric	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	700 ± 300 (N/5 cm)	500 ± 300 - 200 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{cor} (t), B _{cor} (t), B _{cor} (t)/NRO, REI	

NEXLER STANDARD 30 (V60 S30)

unmodified heat-welded underlayer bitumen membrane



- ▶ Use: unmodified heat-welded underlayer bitumen membrane for multi-layer roofing, as the underlayer on concrete substrates and for single-layer light type damp-proofing (A). For heat-welding.

- ▶ Granules type:  fine grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	3,0	
Reinforcement	glass veil	
Asphalt type, cold flexibility [°C]	oxidized, 0°C	
	longitudinal	transversal
Tensile strength	550 ± 150 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)
Fire rate	B _{cor} (t)/NRO, REI	

NEXLER BRIDGE+

bitumen membrane for bridges



- ▶ Use: nexler BRIDGE+ bitumen membrane is designed for single-layer waterproofing of concrete bridge objects: road and rail ones, particularly for deck slabs with vehicle traffic. The membrane can also be applied on other transport infrastructure buildings, including underground ones.

- ▶ Granules type:  coarse grain



Roll dimensions (m)	10 x 1	
Thickness (mm)	5,5	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	1250 ± 150 (N/5 cm)	950 ± 150 (N/5 cm)
Elongation	55 ± 15 (%)	60 ± 15 (%)

NEXLER STICK

highly SBS-modified self-adhesive underlayer bitumen membrane



- ▶ Use: highly SBS-modified self-adhesive underlayer bitumen membrane with self-adhesive overlap. Used as the bottom layer in multi-layer systems, as damp-proofing of horizontal surfaces.

- ▶ Top coat:  rapidly fusible foil with self-adhesive overlap



Roll dimensions (m)	10 x 1	
Thickness (mm)	2,5	
Reinforcement	fiberglass	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
	longitudinal	transversal
Tensile strength	450 ± 150 (N/5 cm)	300 ± 150 (N/5 cm)
Elongation	4 ± 2 (%)	4 ± 2 (%)
Fire rate	B _{cor} (t), B _{cor} (t), B _{cor} (t)/NRO, REI	

NEXLER RENOVATION

highly SBS-modified heat-welded top layer ventilating bitumen membrane



- ▶ Use: highly SBS-modified heat-welded top layer bitumen membrane for roof renovation and substrate ventilation. With special bottom side which forms system of channels ventilating damp substrates. Recommended for single-layer roofing membrane renovation.

- ▶ Granules type:  coarse grain



Roll dimensions (m)	5 x 1	
Thickness (mm)	5,3	
Reinforcement	polyester	
Asphalt type, cold flexibility [°C]	mod. SBS, -20	
Flow resistance [°C]	+100	
	longitudinal	transversal
Tensile strength	1100 ± 200 (N/5 cm)	900 ± 200 (N/5 cm)
Elongation	50 ± 15 (%)	50 ± 15 (%)
Fire rate	B _{cor} (t)/NRO, REI	



special membranes

NEXLER PRODUCTS		Roll dimensions (m)	Thickness (mm)	Granules type	Reinforcement
I. HEAT-WELDED TOP LAYER BITUMEN MEMBRANES					
1	Nexler PREMIUM ONE (PYE PV250 S53)	5 x 1	5,3	steel	polyester reinforced with fiberglass fabric
2	Nexler PREMIUM 56 H (PYE PV250 S56)	5 x 1	5,6	steel	polyester
3	Nexler PREMIUM 53 H (PYE PV250 S53)	5 x 1	5,3	steel, maroon, green	polyester
4	Nexler PJ 53 H	5 x 1	5,3	steel	polyester
5	Nexler PJ 52 H	6 x 1	5,2	steel	polyester reinforced with fiberglass fabric
6	Nexler PJ 52 H Medium	6 x 1	5,2	steel	polyester reinforced with fiberglass fabric
7	Nexler STANDARD 42 H (V60 S42)	7,5 x 1	4,2	steel	glass veil
II. TRADITIONAL MEMBRANES					
1	Nexler W400	7,5 x 1; 15 x 1	2,0	thick	cardboard
III. HEAT-WELDED UNDERLAYER BITUMEN MEMBRANES					
1	Nexler PREMIUM 47 (PYE PV250 S47)	5 x 1	4,7	petite	polyester
2	Nexler PREMIUM 40 (PYE PV200 S40)	7,5 x 1	4,0	petite	polyester
3	Nexler PREMIUM 29 (PYE PVI80 S29)	10 x 1	2,9	foil	polyester
4	Nexler PJ G40 Medium	7,5 x 1	4,0	petite	fiberglass
5	Nexler PJ 40	7,5 x 1	4,0	petite	polyester reinforced with fiberglass fabric
6	Nexler STANDARD 30 (V60 S30)	10 x 1	3,0	petite	glass veil
IV. SPECIAL MEMEMBRANES					
1	Nexler BRIDGE+	10 x 1	5,5	thick	polyester
2	Nexler STICK*	10 x 1	2,5	foil	polyester
3	Nexler RENOVATION	5 x 1	5,3	thick	glass veil

*adhesive

	Asphalt type, cold flexibility [°C]	Flow resistance [°C]	Tensile strength - longitudinal - transversal (N/50mm)	Elongation - longitudinal - transversal (N/50mm)	Fire rate	Material warranty (years)
I.						
1	SBS mod. -20	+100	1200±300, 850±250	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	11/15
2	SBS mod. -25	+100	1200±200, 900±200	60±15, 60±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	15
3	SBS mod. -25	+100	1200±250, 900±250	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	14
4	SBS mod. -20	+100	900±250, 700±250	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	11
5	SBS mod. -20	+100	700±300-200, 500±300-200	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	10
6	SBS mod. -5	+90	700±300-200, 500±300-200	20±35-16, 20±35-16	B _{roof} (t ₁)/NRO, REI	8
7	oxidised, 0	+80	550±150, 300±150	4±2, 4±2	B _{roof} (t ₁)/NRO, REI	4
II.						
1	oxidised, 0	+80	500±300, 350±200	3±2, 3±2	F _{roof}	1
III.						
1	SBS mod. -25	-	1200±200, 900±200	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	13
2	SBS mod. -20	-	900±200, 650±200	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	11
3	SBS mod. -20	-	850±200, 600±200	45±15, 45±15	B _{roof} (t ₁), B _{roof} (t ₂)/NRO, REI	10
4	SBS mod. -5	-	1300±500, 2500±800	7±3, 7±3	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	5
5	SBS mod. -20	-	700±300-200, 500±300-200	50±15, 50±15	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	9
6	oxidised, 0	-	550±150, 300±150	4±2, 4±2	B _{roof} (t ₁)/NRO, REI	3
IV.						
1	SBS mod. -20	+100	1250±150, 950±150	55±15, 60±15	-	12
2	SBS mod. -20	+100	450±150, 300±150	4±2, 4±2	B _{roof} (t ₁), B _{roof} (t ₂), B _{roof} (t ₃)/NRO, REI	9
3	SBS mod. -20	+100	1100±200, 900±200	50±15, 50±15	B _{roof} (t ₁)/NRO, REI	10

Membrane symbol

Nexler PREMIUM 53

H

PYE

PV250

S53

Trade name

Marking for top layer membrane

SBS-modified

Weight and reinforcement type

Membrane thickness in mm x 10

S4,0 - membrane 4 mm thick

SS/H - top layer membrane

AI - membrane has sein for cement compased of aluminium

SP - self-adhesive memebrane

IZOHAN RR

cold application mineral-asphalt mix



Available packages:



► **Use:** point repairs of asphalt and concrete surfaces; filling surface gaps, potholes resulting from, e.g. frost degradation; point filling of any installation works, e.g. sewage, gas or electrical - filling spaces around slabs, conduits, cable connectors; filling expansion joints; local leveling or forming road and pavement surfaces, at metal elements in surface building (e.g. drains, rail crossing).

► **Properties:** cold applied; very good workability; can be used in wide temperature range (from -10°C up to +30°C); can be hand or machine thinned; road traffic possible just after surface repairs (with traffic limitations, e.g. in the form of speed limit).



Composition	mix of asphalts, natural aggregates and organic solvents
Aggregate	basalt
Wear	approx. 0.6 kg/dm ³
Content space	< 22%
Penetration test	≤ 2 mm
Adhesion between binder and aggregate	≥ 80%
Temperature of use	od -10°C do +30°C
Technical approval	IBDIM AT/2015-02-3191

BITUMEN MEMBRANE GRANULATE

basalt topping



Available packages:



► **Use:** used in restoration of roofing.

► **Properties:** extends the life of roofing; protects against UV light and mechanical damage; reduces heating of flat roofs; improves the aesthetics of roofing.

► **Available colours:** grey, steel, anthracite, red, green, autumn brown.



HOT BINDER

Adhesive for roofing membrane



Available packages:



► **Use:** bonding bitumen roofing membranes to substrates; bonding roofing membranes together; roofing repairs.

► **Properties:** very good adhesive properties; resistant to weak acids and alkalis and UV radiation.



Composition	asphalt, polymers, mineral fillers
Consumption	1.5 kg/m ²
Layer thickness	from 1.0 to 1.5 mm
Drying time	upto: 5 hours

DACH-TAPE

bituminous self-adhesive tape with metallised coating



Available packages:



► **Use:** for sealing joints around skylights, fireplaces, roof windows, flashings, etc. in roofings made of ceramic roof tiles, rigid plastics, galvanized sheet metal, concrete, ceramic brick, bitumen coating, and for sealing joints in gutters and drain pipes.

► **Properties:** self-vulcanising, self-adhesive; replaces flashing; instant sealing; resistant to changing weather conditions; high adhesion to substrate; resistant to UV light; perfect solution for most insulating and sealing joints.

► **Available widths:** 100 mm, 150 mm

► **Available colours:** anthracite, brown, aluminium, brick-red



Base	aluminium tape
Thickness	1.3 ÷ 1.5 (+5%) mm
Width	50 ÷ 300 (+5%) mm
Application temperature	from +5°C to +25°C
Thermal resistance	from -40°C to +100°C
Technical Approval /Compliance with the standard:	AT-15-9623/2016



Available packages:



IZOHAN BACKER ROD

backer rod

- ▶ **Use:** filling expansion joints in order to form proper joint cross section; can be used on vertical and horizontal surfaces; for indoor and outdoor use.
- ▶ **Properties:** reduces the filler consumption; elastic; resistant to ageing.
- ▶ **Available diameters:** \varnothing 6 mm, \varnothing 8 mm, \varnothing 10 mm, \varnothing 15 mm, \varnothing 20 mm, \varnothing 25 mm, \varnothing 30 mm



Composition	foamed polyethylene or polyurethane
Consumption	depending on needs
Relative elongation at breaking	longitudinal 15% transverse 8%
Temperature resistance	-40°C up to +60°C
Apparent density	32 kg/m ³



Available packages:



IZOHAN WATERTIGHT TAPE

sealing tape 120/70

- ▶ **Use:** for strengthening elastic waterproofing in corners, edges, expansion joints, pipe passages, etc.; used mainly between deformable and undeformable surfaces on joints wall/wall, wall/floor; can be used on floors and walls, indoors and outdoors.
- ▶ **Properties:** effectively protects against water penetration; gives durable joint; very elastic and resistant to stretching; resistant to ageing; fits any tiling system; particularly recommended for wet rooms waterproofing with IZOHAN ecofoil.
- ▶ **Also available in options:** 200/140, 250/190



Composition	coated polyester fabric TPE
Total width/ Coated width	120 mm/70 mm
Total thickness	0.6 + 5% mm
Stretch	> 3.0 MPa across > 7.3 MPa along
Chemical resistance	good
Temperature resistance	-30°C up to +90°C
Technical approval	ITB AT-15-6678/2014

IZOHAN SEALING TAPE

double-coated sealing tape 120/120

- ▶ **Use:** for strengthening elastic waterproofing in corners, edges, expansion joints, pipe passages, etc.; used mainly between deformable and undeformable surfaces on joints wall/wall, wall/floor; can be used on floors and walls, indoors and outdoors.
- ▶ **Properties:** effectively protects against water penetration; gives durable joint; very elastic and resistant to stretching; resistant to ageing; fits any tiling system.



Composition	coated polyester fabric TPE
Total width/ Coated width	120 mm/120 mm
Total thickness	0.5 + 5% mm
Stretch	> 2.0 MPa across > 13.7 MPa along
Chemical resistance	good
Temperature resistance	-30°C up to +90°C
Technical approval	ITB AT-15-6678/2014

Butyl tape

self-adhesive laminate made of polypropylene interlining and a sealing membrane with the adhesive layer

- ▶ **Use:** sealing wall corners [contact points] on vertical surfaces or floors and walls on horizontal surfaces in under-tile sealing systems for indoor applications and special outdoor applications; sealing flashings on the surface of the balconies and deckings; for joining and sealing non-standard substrates, for example cement and bitumen, door joinery.
- ▶ **Properties:** excellent for rooms exposed to temporary or permanent impact of moisture and pressure-free water; excellent adhesive properties; very high tear strength, excellent adhesion to polymer sealants and mineral two-component elastic waterproofing compounds.

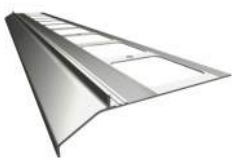


Total width	100 mm
Total thickness	0.80 mm (± 0.15 mm)
Butyl weight	585 gr/m ² (± 50 gr/m ²)
Resistance to temp.	from -35°C to +80°C
Application temperature	from +5°C to +30°C



Available packages:





IZOHAN TB 10

profile for balconies and terraces

► **Use:** as edge finishing on terraces and balconies with thin-coat resin floor 2-3 mm thick (IZOHAN epoxy EP-602).

► **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

► **Available packages:** carton box  (4 pcs 2 m each)

► **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown



Composition	aluminium coated with polyester
Weight	0,75 kg/m ²
Polyester coat thickness	≥ 65 µm
Technical approval	AT-15-9296/2014



IZOHAN TB 20

profile for balconies and terraces

► **Use:** as edge finishing on terraces and balconies finished with ceramic cladding with under-tile waterproofing made of sealing micro-mortar.

► **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

► **Available packages:** carton box  (4 pcs 2 m each)

► **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown



Composition	aluminium coated with polyester
Weight	0,75 kg/m ²
Polyester coat thickness	≥ 65 µm
Technical approval	AT-15-9296/2014



IZOHAN TB 30

profile for balconies and terraces

► **Use:** as edge finishing on terraces and balconies finished with ceramic cladding with under-tile waterproofing made of sealing micro-mortar; with holes draining moisture from underneath the floor.

► **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

► **Available packages:** carton box  (4 pcs 2 m each)

► **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown



Composition	aluminium coated with polyester
Weight	0,65 kg/m ²
Polyester coat thickness	≥ 65 µm
Technical approval	AT-15-9296/2014



IZOHAN TB 40

profile for balconies and terraces

► **Use:** with holes draining moisture from underneath the floor and possibility of system gutter mounting; used as edge finishing on terraces and balconies finished with ceramic cladding with under-tile waterproofing made of sealing micro-mortar.

► **Properties:** assures drip zone tightness; enables effective water drainage from balconies and terraces; resistant to corrosion and atmospheric factors; easy and quick in use; aesthetic appearance.

► **Available packages:** carton box  (4 pcs 2 m each)

► **Available colours:**



RAL 7024 graphite



RAL 7037 grey



RAL 8019 brown



Composition	aluminium coated with polyester
Weight	1,24 kg/m ²
Polyester coat thickness	≥ 65 µm
Technical approval	AT-15-9296/2014



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of your space against
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- ▶ IZOLMAT V60 S4,0 AI

*According to WHO radon is the second cause of cancer, just after smoking.



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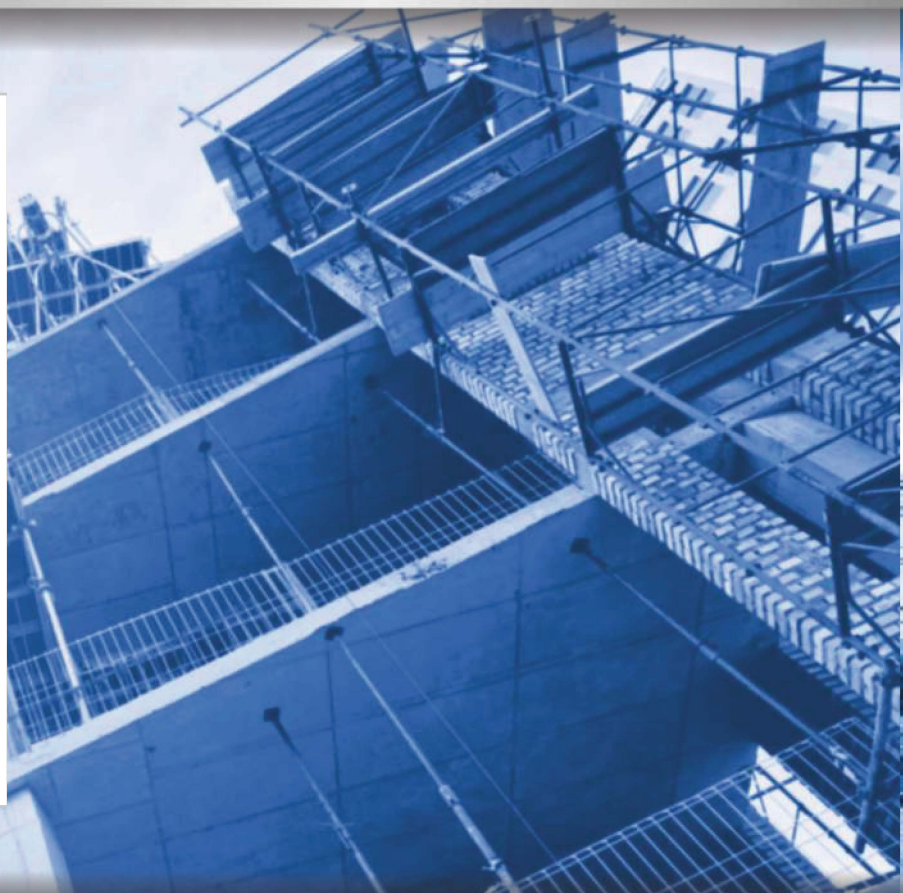
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