nexler®

# Product Catalogue


nexler®

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## BITFLEX Primer

### Fast drying bitumen-anionic primer (concentrate)

| | |
|---|---|
| Consumption | 0,2 kg/m² |
| Application temperature | from +5°C to +30°C |
| Drying time | approx. 2 hours |
| Ability to weld a membrane | even after 30 minutes |
| Available packages | 8 kg, 22 kg |

*Use:*

- priming under insulation made of weldable and self-adhesive bitumen membranes
- priming substrates with reduced water absorption so-called "waterproof concrete"
- priming of floors on the ground in basements and garages
- priming of OSB boards
- moisture insulation

*Properties:*

- increases the adhesion of insulation to substrates
- quick-drying, allows bitumen membrane to be welded in as little as 30 minutes
- very good adhesion to the substrate
- for dry and damp substrates
- free of solvents and toxic substances
- odourless
- safe in contact with polystyrene foam
- created with fine particle technology


## BITFLEX 1K

### Polymer modified thick-layer waterproofing compound (PMBC)

| | |
|---|---|
| Consumption | 1,5 kg/m²/mm |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | approx. 6-8 hours |
| Density | 1,02 g/cm³ |
| Available packages | 20 kg, 1000 kg |

*Use:*

- waterproofing of foundations and basement walls
- waterproofing under the foundation slab
- interlayer waterproofing, eg. on balconies (under screed)

*Properties:*

- ready to use
- resistant to high water pressure
- can be applied in thick layers up to 5 mm in 1 coating
- can be applied with a sprayer or trowel
- free of solvents and toxic substances
- safe in contact with polystyrene foam
- highly flexible, crack bridging
- remains elastic at low temperatures
- created with fine particle technology


## BITFLEX 1KP

### Polymer modified thick-layer waterproofing compound (PMBC) with polystyrene filling

| | |
|---|---|
| Consumption: Insulation<br>Gluing EPS, XPS boards | approx. 1,2 l/m²/mm<br>approx. 1-1,5 l/m² |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | approx. 6-7 hours |
| Density | 0,66 g/m³ |
| Available packages | 30 l, 1000 l |

*Use:*

- waterproofing of foundation and basement walls
- waterproofing under the foundation slab
- gluing of EPS and XPS polystyrene boards
- interlayer waterproofing, eg. on balconies (under screed)

*Properties:*

- ready to use
- very efficient
- resistant to high water pressure
- due to polystyrene filling it is easy to achieve the required insulation thickness
- can be applied in thick layers up to 5 mm in 1 layer
- can be applied with a sprayer or trowel
- free of solvents and toxic substances
- safe in contact with polystyrene foam
- highly flexible, bridges cracks
- provides an effective anti-radon barrier

| | |
|---|---|
| Consumption: Insulation Gluing EPS,XPS boards | approx. 1,4 kg/m²/mm<br>approx. 0,8-1,3 kg/m² |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | approx. 3 hours |
| Backfilling an excavation | 2-3 days |
| Available packages | 30 kg |

## BITFLEX 2K

### *Two-component polymer modified thick-layer waterproofing compound (PMBC)*


*Use:*

- waterproofing of foundation and basement walls
- waterproofing under the foundation slab
- waterproofing of floors on the ground of garages and basement
- gluing of EPS and XPS polystyrene boards
- vapor insulation of terraces and flat roofs

*Properties:*

- quick-drying and rain resistant shortly after application
- resistant to high water pressure
- for thick-layer application up to 5 mm in one layer
- can be applied with a sprayer or trowel
- free of solvents and toxic substances
- safe in contact with polystyrene foam
- flexible, bridges cracks
- chemical resistance corresponding to class XA3
- provides an effective anti-radon barrier

| | |
|---|---|
| Consumption: Insulation Gluing EPS,XPS boards | approx. 1,2 l/m²/mm<br>approx. 1-1,5 l/m² |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | approx. 3 hours |
| Time between applying layers | 4-5 hours |
| Available packages | 30 l |

## BITFLEX 2KP

### *Two-component polymer modified thick-layer waterproofing compound (PMBC) with polystyrene filling*


*Use:*

- waterproofing of foundation walls and basement walls
- waterproofing under the foundation slab
- gluing of EPS and XPS polystyrene boards
- interlayer waterproofing, eg. on balconies (under screed)

*Properties:*

- quick-drying rain resistant shortly after application
- resistant to high water pressure
- for thick-layer application up to 5 mm in 1 coat
- free of solvents and toxic substances
- safe in contact with polystyrene foam
- flexible, bridges cracks
- remains elastic at low temperatures
- chemical resistance corresponding to class XA3
- provides an effective anti-radon barrier

| | |
|---|---|
| Consumption | approx. 0,3 kg/m² per layer |
| Application temperature | from +5°C to +30°C |
| Coat forming time | approx. 6 hours |
| Density | 1 g/cm³ |
| Available packages | 1000 kg |

## BITFLEX Anionic Emulsion

### *Bitumen-latex anionic emulsion*

*Use:*

- anticorrosion protection of prefabricated concrete elements
- priming of substrates for the actual bitumen insulation
- dampproof insulation

*Properties:*

- ready to use
- applied with a spraying device, brush or roller
- very good adhesion to the substrate
- increased resistance to UV radiation
- very efficient
- free of solvents and toxic substances
- safe in contact with polystyrene foam
- resistant to substances found in soil according to PN-EN 206-1

## BITFLEX Quick Spray

### Bitumen-latex anionic emulsion for use with coagulant

*Use:*

- waterproofing and corrosion protection of underground and above-ground parts of structures in residential and industrial construction
- waterproofing of structures in transportation engineering

*Properties:*

- forms coating that is immediately resistant to rain
- extremely flexible - elongation up to 1000%
- seamless - forms an even and homogeneous coating regardless of the form of the surface
- efficient
- can be applied on surfaces that are difficult to access
- free of solvents and toxic substances
- safe in contact with polystyrene foam

| | |
|---|---|
| Consumption | 1,63 kg/m²/mm |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | instantly |
| Elongation | ≥ 1000% |
| Available packages | 30 kg, 1000 kg |


## WM

### Polymer modified thick-layer waterproofing compound (PMBC) reinforced with microfibers

*Use:*

- waterproofing of foundation walls and basement walls
- interlayer waterproofing, eg. on balconies (under screed)
- gluing of EPS polystyrene boards

*Properties:*

- ready to use
- resistant to high water pressure
- reinforced with microfibers
- free of solvents and toxic substances
- safe in contact with polystyrene foam
- highly flexible, crack bridging
- retains flexibility at low temperatures

| | |
|---|---|
| Consumption | approx. 1,5 kg/m² |
| Application temperature | from +5°C to +25°C |
| Backfilling an excavation | after 3 days |
| Available packages | 20 kg |


## WL

### Asphalt-rubber glue

*Use:*

- gluing of polystyrene EPS panels
- priming substrates for proper insulation
- moisture insulation

*Properties:*

- excellent adhesive properties
- very good adhesion to the substrate
- solvent free, safe in contact with polystyrene foam
- easy and quick to apply (ready to use)
- can be applied with a brush, trowel or roofer's brush
- resistant to weather conditions

| | |
|---|---|
| Consumption<br>Priming<br>Insulation<br>Gluing EPS | <br>approx. 0,2 kg/m²<br>approx. 1,5 kg/m²<br>approx. 1,0-1,5 kg/m² |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | approx. 6 hours |
| Time between applying layers | approx. 3 hours |
| Available packages | 20 kg |


| | |
|---|---|
| Consumption: Insulation Gluing EPS,XPS boards | approx. 1,5 kg/m²/mm 1,2-2,0 kg/m² |
| Application temperature | from +5°C to +30°C |
| Number of layers | 2-4 |
| Time between applying layers | 6 hours |
| Backfilling an excavation | after 3-5 days |
| Available packages | 10 kg, 20 kg |

## Styrbit 2000

### Waterproofing and adhesive for polystyrene foam


*Use:*

- moisture and waterproofing insulation of underground parts of buildings
- gluing EPS and XPS polystyrene boards

*Properties:*

- safe in contact with polystyrene foam
- high adhesion to the substrate
- resistant to aggressive substances contained in the soil
- forms a flexible coating
- thixotropic
- for dry and wet substrates


| | |
|---|---|
| Consumption | approx. 0,4 kg/m² |
| Application temperature | from +5 to +35°C |
| Resistance to rain | 2 hours |
| Available packages | 10 kg, 20 kg |

## Reno Bit

### Bituminous compound for maintenance and roof renovation


*Use:*

- renovation and maintenance of roofing such as membranes, shingles and other bitumen coatings
- moisture insulation

*Properties:*

- solvent-free and without toxic substances
- safe in contact with polystyrene foam
- quick-drying
- very good adhesion to the substrate
- increased resistance to UV radiation
- high flexibility even at sub-zero temperatures
- levels micro cracks in the substrate
- extends lifespan of the roof



| | |
|---|---|
| Consumption: Priming | approx. 0,2 kg/m² |
| Renovation of roofing coverings | approx. 0,5 kg/m² |
| Damp proofing insulation | approx. 1,5 kg/m²/mm |
| Application temperature | from +5°C to +30°C |
| Resistance to rain | approx. 5 hours |
| Time between applying layers | approx. 5 hours |
| Available packages | 5 kg, 10 kg, 20 kg |

## Dysperbit

### Asphalt-rubber dispersion compound


*Use:*

- priming for proper bitumen insulation
- priming of mineral wool for bitumen membrane insulation
- renovation and maintenance of roof coverings
- moisture insulation

*Properties:*

- very good adhesion to mineral substrates and bitumen membranes
- for dry and damp substrates
- easy and quick to apply
- thixotropic
- solvent free, safe in contact with polystyrene foam
- resistant to atmospheric factors


## Penetrator G7

### Quick-drying primer for bitumen membranes

*Use:*

- priming under weldable and self-adhesive bitumen membranes
- priming of concrete bridge slabs under bitumen membranes
- priming of old roof coverings
- priming substrates for solvent-based insulation
- moisture insulation
- protection of wooden and metal elements sunk in the ground

*Properties:*

- perfect penetration of the substrate
- protects concrete against moisture and corrosion
- high adhesion to the substrate
- fast drying
- SBS modified
- mild odor

| | |
|---|---|
| Consumption | approx. 0,2 l/m$^2$ |
| Application temperature | from +0°C to +30°C |
| Drying time | even 30 min. (depending on the substrate) |
| Available packages | 5 l, 20 l |


## SBS BR

### Asphalt-resin primer

*Use:*

- priming under solvent-based waterproofing coatings and bitumen membranes
- making anti-corrosion coatings on metal elements
- conservation of concrete surfaces
- priming of mineral wool for weldable and self-adhesive bitumen membranes

*Properties:*

- very good substrate penetration
- high adhesion to the substrate
- resistant to aggressive substances contained in soil
- protects concrete against moisture and corrosion

| | |
|---|---|
| Consumption | approx. 0,3 l/m$^2$ |
| Application temperature | from +5°C to +30°C |
| Drying time | not longer than 6 hours |
| Available packages | 5 l, 10 l, 20 l |


## SBS DK

### Compound for maintenance and renovation of roofing

*Use:*

- renovation and maintenance of roof coverings, e.g. made of bitumen membranes, bituminous shingles
- moisture insulation

*Properties:*

- very good adhesion to the substrate
- high resistance to UV radiation and atmospheric factors
- high flexibility even at negative temperature
- SBS modified
- eliminates micro cracks in the substrate
- resistant to aggressive substances contained in soil

| | |
|---|---|
| Consumption | 0,5 - 0,9 kg/m$^2$ per layer |
| Application temperature | from +5°C to +30°C |
| Layer drying time | approx. 24 hours |
| Number of layers | 2 - 4 |
| Available packages | 5 kg, 10 kg, 20 kg |

| | |
|---|---|
| Consumption: | |
| Gluing bitumen membranes | 0,7 kg/m² |
| Damp proofing insulation | 1,5-3,0 kg/m² |
| Application temperature | from +5°C to +30°C |
| Drying time | approx. 24 hours |
| Available packages | 5 kg, 10 kg, 20 kg |

## Cold Glue

### Asphalt adhesive modified with SBS


*Use:*

- gluing of traditional bitumen membranes to mineral substrates and to asphalt membranes
- gluing mineral wool boards
- moisture insulation

*Properties:*

- SBS modified
- excellent adhesive properties
- very good adhesion to the substrate
- resistant to atmospheric factors including high and low temperatures
- particulary resistant to aging
- permanently elastic


| | |
|---|---|
| Consumption | approx. 0,7 kg/m² per layer |
| Application temperature | from +5°C to +30°C |
| Drying time | 24 hours |
| Available packages | 20 kg |

## SBS GR

### Asphalt-reisin SBS-modified compound


*Use:*

- damp proofing of underground and ground level parts of structures

*Properties:*

- very good adhesion to the substrate
- resistant to atmospheric factors
- waterproof
- easy and quick to apply


| | |
|---|---|
| Consumption: | |
| Insulation | 0,6 - 1,2 kg/m² |
| Gluing | 0,8 - 2,0 kg/m² |
| Processing temperature | from +5°C to +35°C |
| Layer drying time | approx. 24 hours |
| Full strength | after 14 days |
| Available packages | 20 kg |

## Styrbit 2000 K

### Waterproofing and polystyrene adhesive


*Use:*

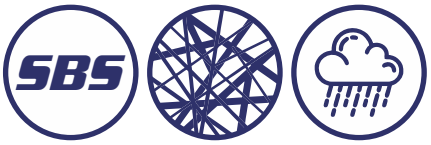
- gluing of sandwich panels, styrofoam boards, mineral wool and other insulating materials
- gluing bitumen membrane to bitumen membrane
- moisture insulation

*Properties:*

- safe in contact with XPS and EPS panels
- SBS modified
- very good adhesion to the substrate
- resistant to aggressive substances contained in soil
- wide range of application temperatures


## Arbolex Aqua Stop

### Roofing putty for repairing and sealing




*Use:*

- repair of damages and defects in roofing (kinks, cracks, crevices, blisters, leaks, etc.)
- sealing of technological and installation penetrations through building structures
- sealing and connecting flashings
- gluing of bitumen membranes and shingles

*Properties:*

- reinforced with microfibers
- for dry, damp and wet surfaces
- for use even during the rain
- SBS modified
- does not require priming
- very good adhesion
- safe in contact with EPS and XPS boards
- waterproof

| | |
|---|---|
| Consumption | 1 kg/m$^2$/mm |
| Application temperature | from -20$^0$C to +35$^0$C |
| Drying time | approx. 3 - 5 hours |
| Full strenght | 3-5 days |
| Available packages | 1 kg, 5 kg, 10 kg |


## Arbolex U

### Roofing putty for repairing and sealing

*Use:*

- repair of damages and defects in roofing (kinks, cracks, gaps, blisters, leaks, etc.)
- sealing and connecting flashings
- gluing bitumen membranes and shingles

*Properties:*

- very good adhesion to the substrate
- waterproof
- flexible
- resistant to atmospheric factors

| | |
|---|---|
| Consumption | 1,2 kg/m$^2$/mm |
| Application temperature | from +5$^0$C to +35$^0$C |
| Drying time | approx. 10 hours |
| Full strenght | 10 - 14 days |
| Thickness of a single applied layer | 2-3 mm |
| Available packages | 1 kg, 5 kg, 10 kg |


## Sliver Protect

### Silver colour protective and decorative coating


*Use:*

- protective and decorative coating for roofing materials made of bitumen membranes, shingles and metal sheet
- maintenance of galvanized sheet materials

*Properties:*

- silver color
- extends the lifespan of roofing materials
- resistant to weather conditions
- very good covering properties
- reduces the temperature of the roof surface
- lowers the temperature in the premises below the roof
- reflects sun rays
- very good adhesion to concrete, bitumen membrane, sheet metal

| | |
|---|---|
| Consumption | 0,15 - 0,3 l/m$^2$ |
| Processing temperature | from +5$^0$C to +25$^0$C |
| Drying time | approx. 6 hours |
| Full strenght | 12 hours |
| Available packages | 5 l |

| | |
|---|---|
| Consumption per coating | approx. 0,3 kg/m² |
| Priming | approx. 0,6 kg/m² |
| Mixing ratio | 100:14 (comp. A: comp. B) |
| Application temperature | from +5°C to +30°C |
| Recommended number of layers | 2 |
| Time between applying successive layers | min. 24 hours |
| Available packages | 20 kg |

## EPOLIS X9

### Two-component epoxy-bitumen waterproofing

*Use:*

- protection of concrete structures and steel elements exposed to aggressive environments in exposure classes XA1, XA2 and XA3
- protection of ballast and sewage tanks, eg. in municipal and industrial wastewater treatment plants
- protection of concrete structures in inland and marine hydrotechnical constructions
- priming of steel and concrete structures operated in seawater, fresh water and corrosively aggressive environments

*Properties:*

- high adhesion to the substrate
- forms a coating resistant to mechanical loads
- resistant to water, sewage and acidic or alkaline media
- resistant marine and industrial atmosphere

## Mineral-Polymer Products


| | |
|---|---|
| Consumption | 1,5 kg/m² |
| Application temperature | from +8°C to +30°C |
| Time between applying successive layers | 3-4 hours |
| Available packages | 15 kg |

## AQUAMINERAL 1K Ultra

### One-component sealing micro-mortar

*Use:*

- waterproofing of underground elements of buildings in old and new construction
- waterproofing indoors against moisture penetrating from the outside (bathtub type)
- horizontal insulation
- sealing of tanks

*Properties:*

- resistant to negative water pressure
- vapor-permeable
- resistant to UV radiation
- solvent free


| | |
|---|---|
| Consumption | 1,5 kg/m² |
| Processing termpertaure | from +8°C to +30°C |
| Time between applying successive layers | 3-4 hours |
| Available packages | 40 kg |

## AQUAMINERAL 2K Ultra

### Two-component highly elastic sealing micro-mortar

*Use:*

- waterproofing of terraces and balconies
- waterproofing of underground elements of buildings in old and new construction
- sealing the plinth zone
- sealing: swimming pools, drinking water and waste water tanks

*Properties:*

- ultraelastic
- bridges microcracks even at low temperatures
- fiber reinforced
- resistant to pressurized water (50m water column)
- very good adhesion to the substrate
- resistant to aggressive chemical solutions, gasoline and oil
- resistant to domestic sewage and swimming pool water
- vapor-permeable
- increased UV resistance
- reduces the process of concrete carbonation
- prevents salting out of sulfate salts


## AQUAMINERAL 2K

### Two-component sealing micro-mortar

*Use:*

- waterproofing of terraces and balconies
- floor waterproofing

*Properties:*

- elastic
- bridges micro cracks
- has enhanced UV resistance
- solvent free
- can be applied to matt damp substrates

| | |
|---|---|
| Consumption | 1,5 kg/m$^2$ |
| Processing temperature | from +8$^0$C to +30$^0$C |
| Time between applying successive layers | 3-4 hours |
| Available packages | 20 kg |


## AQUAMINERAL 2K Pro

### Chemically resistant two-component sealing micro-mortar

*Use:*

- waterproofing of storage tanks for water and other liquids in terms of chemical resistance class XA3
- waterproofing of infrastructure of sewage treatment plants, biogas plants, agricultural installations and hydrotechnical facilities
- protective anti-corrosion coating for concrete substrates

*Properties:*

- chemical resistance of XA3 class
- vapor-permeable
- reduces the process of concrete carbonation
- waterproof
- resistant to sulphate environment
- resistant to frost and de-icing salts
- resistant to seawater, slurry, acidified water up to pH ~ 4

| | |
|---|---|
| Consumption | 1,5 kg/m$^2$ |
| Processing temperature | from +5$^0$C to +25$^0$C |
| Time between applying successive layers | 4-6 hours |
| Available packages | 19 kg |


## Izofol

### Waterproofing liquid foil

*Use:*

- waterproofing of rooms exposed to water and moisture (such as bathrooms, laundry rooms, kitchens)
- protection of surfaces easily absorbing moisture (e.g. gypsum plasterboard)
- waterproofing in underfloor heating systems

*Properties:*

- permanently elastic
- bridges micro cracks
- ecological, solvent free
- for dry and humid substrates
- excellent substrate for ceramic cladding adhesives
- for application on vertical and horizontal surfaces
- hygienically approved for indoor use

| | |
|---|---|
| Consumption | 0,8 - 1,0 kg/m$^2$ |
| Processing temperature | from +5$^0$C to +30$^0$C |
| Time between applying successive layers | approx. 6 hours |
| Available packages | 4 kg, 7 kg, 12 kg |

| | |
|---|---|
| Consumption | 0,8 - 1,0 kg/m$^2$ |
| Processing temperature | from +5°C to +30°C |
| Time between applying successive layers | approx. 6 hours |
| Available packages | 1,5 kg, 4 kg, 7 kg, 12 kg |

## Izofol Flex
### Highly flexible waterproofing liquid foil


*Use:*
- waterproofing of rooms exposed to water and moisture (e.g. bathrooms, laundry rooms, kitchens) as well as balconies and stairs
- waterproofing in underfloor heating systems

*Properties:*
- highly and permanently elastic
- bridges micro cracks
- ecological, solvent free
- frost resistant
- excellent substrate for ceramic cladding adhesives
- for dry and humid substrates
- hygienically approved for indoor and outdoor use


| | |
|---|---|
| Consumption | 0,15-0,6 kg/m$^2$/ per layer |
| Processing temperature | from +5°C to +30°C |
| Time between applying successive layers | approx. 12 hours |
| Available colors | white, red, graphite, grey, brown |
| Available packages | 5 kg, 10 kg, 25 kg |

## Izofol Roof
### Protective and decorative roof coating


*Use:*
- protective and decorative coating for roofing materials (bitumen membranes, bituminous shingles, ceramic tile, tile roofing, galvanized sheet)
- protective and decorative coating for flashings, concrete elements, walls, plaster

*Properties:*
- permanently elastic
- resistant to UV radiation
- very good adhesion to substrates
- bridges micro cracks
- very good covering properties


| | |
|---|---|
| Consumption | 0,2 - 0,25 kg/m$^2$ |
| Processing temperature | from +5°C to +30°C |
| Drying time of single layer | approx. 1 hours |
| Available packages | 5 kg |

## Gruntofol
### Priming emulsion


*Use:*
- priming of absorbent and porous substrates for mineral-polymer products
- priming substrates such as concrete, cellular concrete, cement plaster, cement-lime plaster, gypsum plasterboard, wood, wood-based boards

*Properties:*
- fast-drying
- solvent free
- penetrates deep into the pores causing their initial hydrophobization
- strengthens the substrate
- increases the adhesion of mineral-polymer coatings to the substrate
- reduces surface dusting
- hygienically attested for indoor and outdoor use"

## RENOBUD R 102

### Bonding mortar for concrete repair

*Use:*

- bonding layer before application of NEXLER R-103, NEXLER RENOBUD R-105
- anti-corrosion protection of reinforcement in NEXLER RENOBUD R system

*Properties:*

- high adhesion to concrete and reinforcing steel
- provides active protection for reinforcement
- thoroughly covers irregularities on horizontal and vertical surfaces
- ensures cooperation of repair layers with the substrate
- frost resistant

| | |
|---|---|
| Consumption | approx. 1,2 kg/m$^2$ |
| Processing temperature | from +5$^0$C to +25$^0$C |
| Adhesion to concrete | min. 1,5 MPa |
| Available packages | 25 kg |

## RENOBUD R 103

### Bonding mortar for concrete repair

*(layer thickness 10-50 mm)*

*Use:*

- making slopes on terraces and balconies
- making facets on mineral substrates
- repair of structural and finishing elements: balconies, terraces, ceilings, beams, columns, stairs and frame structures, monolithic structures, tanks and other concrete elements

*Properties:*

- resistant to carbonization, contributes to prolonging lifespan of the structure
- high compressive strength min. 60.0 MPa (after 28 days)
- enables profiling and accurate reconstruction of the shape of the repaired element
- allows correction of substrate irregularities
- waterproof and diffusive
- non-flammable
- can be applied manually and mechanically


| | |
|---|---|
| Consumption | approx. 20 kg/m$^2$/10 mm |
| Processing temperature | from +5$^0$C to +25$^0$C |
| Adhesion to concrete | min. 1,5 MPa |
| Available packages | 25 kg |

## RENOBUD R 105

### Concrete repair putty

*(layer thickness 3-10 mm)*

*Use:*

- making slopes on terraces and balconies
- external finishing repair layer
- putty layer for filling caverns and caves
- repair of structural and finishing elements: balconies, terraces, ceilings, beams, columns, stairs and frame structures, monolithic structures, tanks and other concrete elements

*Properties:*

- fine aggregate
- high compressive strength min. 25,0 MPa (after 28 days)
- resistant to atmospheric conditions and direct impact of de-icing salts
- waterproof and diffusive
- resistant to carbonation, contributes to prolonging the lifespan of the structure
- does not require using of a bonding layer
- non-flammable
- manually and mechanically applied


| | |
|---|---|
| Consumption | approx. 20 kg/m$^2$/10 mm |
| Processing temperature | from +5$^0$C to +25$^0$C |
| Adhesion to concrete | min. 1,5 MPa |
| Available packages | 25 kg |

| | |
|---|---|
| Consumption | approx. 1,4 kg per 1l volume of the crack |
| Processing temperature | from +5°C to +30°C |
| Resistance to rain | immediately after application |
| Drying time | traffic load immediately after the mixture cures |
| Available packages | 33 kg |

## Hot-applied Sealing Compound

### Sealing compound for filling seams and joints

*Use:*

- filling of expansion joints and connections in all kinds of traffic-loaded pavements
- filling of joints with a gradient of up to 8%
- sealing joints between pavement (concrete, asphalt) and prefabricated steel elements
- filling and sealing of cracks in asphalt pavements

*Properties:*

- high adhesion to asphalt, concrete, steel substrates
- highly flexible over a wide temperature range
- resistant to de-icing salt and frost

# Adhesives and Sealants

| | |
|---|---|
| Processing temperature | from +1°C to +30°C |
| Processing and correction time | 5-10 min. |
| Curing time | from 2 mm / 24 hours |
| Heat resistance after curing | from -40°C to +90°C |
| Available colors | grey, graphite |
| Available packages | 290 ml, 12 cartridges in a box 600 ml |

## Full Fix

### Universal adhesive-sealant hybrid


*Use:*

- bonding and sealing of most building materials
- sealing and jointing of expansion joints on balconies and terraces
- sealing of construction joints

*Properties:*

- flexible
- free of solvents, isocyanates, silicon
- resistant to chemicals
- resistant to UV and other weather conditions
- does not run off, binds without shrinkage
- does not cause corrosion of galvanized sheets
- resistant to seawater, chlorinated water, mold and fungi
- safe for polystyrene foam
- does not require the use of primers
- paintable
- excellent adhesion to most substrates (also damp) including: glass, sanitary ceramics, building ceramics, steel, aluminum, wood, cork, MDF, paint coatings, etc.

| | |
|---|---|
| Processing temperature | from +5°C to +30°C |
| Processing and correction time | 5-10 min. |
| Curing time | from 2,5 mm / 24 hours |
| Heat resistance after curing | from -40 to +30°C |
| Available packages | 290 ml, 12 cartridges in a box |

## Full Fix Pure

### Universal transparent adhesive-sealant hybrid


*Use:*

- bonding and sealing of panels, thresholds, window sills, decorative moldings, insulation boards, bathroom fixtures, cork, concrete, metal, stone

*Properties:*

- transparent
- flexible
- free of solvents, isocyanates, silicone
- resistant to atmospheric factors
- does not run off, binds without shrinkage
- does not cause corrosion
- resistant to household chemicals, mold and fungi
- safe for polystyrene foam
- does not require the use of primers
- excellent adhesion to most substrates


## Adhesive for Bituminous Felts and Shingles

*Bituminous roofing adhesive*

*Use:*

- gluing and lining of bitumen shingles
- gluing of bitumen membranes
- filling defects in bitumen roof coverings
- sealing of cracks and seams of bitumen membranes

*Properties:*

- excellent adhesive properties
- very good adhesion
- resistant to aging
- resistant to weather conditions, high and low temperatures, UV radiation
- resistant to runoff, permanently elastic

| | |
|---|---|
| Substrate and ambient temp. during application and bonding | from +5°C to +35°C |
| Density | 1,5 g/cm³ |
| Curing time | approx. 1 mm/24 hours |
| Heat resistance after curing | from -20 to +80°C |
| Available packages | 300 ml, 12 cartridges in a box |


## Bitumen Roofing Sealant

*Flexible roofing sealant*

*Use:*

- sealing of roofing made of bitumen membranes, shingles, sheet metal, tiles
- sealing gaps around flashings, chimneys, eaves, etc.
- filling gaps in bitumen roof coverings

*Properties:*

- applied to dry and wet substrates
- resistant to UV radiation, aging and weather conditions
- safe for polystyrene foam
- cures under the influence of solvent evaporation creating a high elastic seal
- very good adhesion to bituminous and mineral substrates

| | |
|---|---|
| Substrate and ambient temp. during application and bonding | from +5°C to +40°C |
| Density | 1,4 g/cm³ ± 1 g/cm³ |
| Curing time | approx. 1 mm / 24 hours |
| Heat resistance after curing | from -20°C to +80°C |
| Available packages | 300 ml, 12 cartridges in a box |


## Rubber Roofing Sealant

*Flexible roofing sealant*

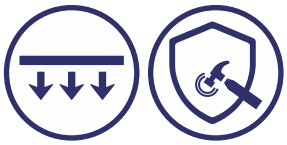
*Use:*

- sealing of roofing made of bitumen membranes, shingles, sheet metal, tiles
- sealing gaps around flashings, chimneys, eaves, etc.

*Properties:*

- high elastic durable seal, permanently malleable
- very good adhesion to bitumen membrane, bitumen, steel, ceramics, stone, wood, glass
- to apply on dry and wet substrates
- excellent resistance to UV radiation, aging and weather conditions
- for indoor and outdoor use

| | |
|---|---|
| Processing temperature | from +5°C to +40°C |
| Density | 0,95 ± 0,05 g/cm³ |
| Curing time | approx. 2 mm / 24 hours |
| Heat resistance after curing | from -20°C to +80°C |
| Available colors | colourless, brown |
| Available packages | 290 ml, 12 cartridges in a box |



| | |
|---|---|
| Consumption | 0,15 - 0,30 kg/m$^2$ |
| Processing temperature | from +12°C to +27°C |
| Full curing time | 7 days |
| Tools cleaning | aceton |
| Available packages | 4 kg, 15 kg |

## EPOLIS EP 100
### Epoxy primer


*Use:*

- priming and strengthening of concrete substrates for epoxy coatings, cement adhesives and mortars
- impregnation of surface of concrete, building stone, clinker bricks, etc.
- reinforcing layer for critical substrates and concretes exposed to high mechanical and thermal loads

*Properties:*

- deeply penetrating
- increases resistance to abrasion
- protects against excessive water penetration
- prevents dusting
- for new and old concrete substrates

| | |
|---|---|
| Consumption | 0,3 - 1,8 kg/m$^2$ |
| Temperature of use | from +12°C to +27°C |
| Time between applying successive layers | 12 - 24 hours |
| Tools cleaning | aceton |
| Available packages | 30 kg, 290 kg, 1450 kg |

## EPOLIS EP 200
### Universal epoxy priming binder


*Use:*

- structural primer in epoxy flooring system
- binder for epoxy-mineral levelling compounds, primers, structural primers with quartz sprinkling
- binder for epoxy-glass laminates with fiberglass mat
- binder for repairing deep defects and leveling substrates
- for anchoring of steel elements

*Properties:*

- deeply penetrating
- excellent adhesion and joint durability
- high mechanical, chemical and thermal resistance
- wide range of application and composition with the addition of quartz fillers
- aggregate allows obtaining materials with high strength parameters

| | |
|---|---|
| Consumption | 0,5 - 3,5 kg/m$^2$ |
| Temperature of use | from +12°C to +27°C |
| Full curing time | 7-14 days |
| Tools cleaning | aceton |
| Available packages | 20 kg |

## EPOLIS EP 300
### Epoxy coloured self-filling flooring compound


*Use:*

- base and top layer of seamless floors in warehouses, production halls, food processing facilities, laboratories, hospitals, as well as in garages and parking lots

*Properties:*

- available in various color versions
- resistant to vehicular traffic, water, oils, solvents, dilute acids, alkalis and salts, etc.
- liquid and gas tight


## EPOLIS EP 400 UV

### Universal colorless epoxy binder

*Use:*

- for floors using colored quartz sands
- binder in floors with trowelled quartz aggregate
- topcoat

*Properties:*

- increased resistance to UV radiation
- high transparency
- protection against harmful chemicals
- high resistance to abrasion and bending
- very good resistance to scratching and mechanical damage

| | |
|---|---|
| Consumption | 0,25 - 0,5 kg/m$^2$ |
| Processing temperature | from +12$^0$C to +27$^0$C |
| Available packages | 20 kg, 310 kg, 1550 kg |


## EPOLIS WE 100

### Epoxy water-dispersion primer

*Use:*

- priming and impregnating mineral substrates in rooms exposed to permanent moisture, garages parking lots, warehouses industrial halls
- protection and preservation of mineral substrates (concrete, cement mortar, mineral screeds, gypsum plaster, etc.)

*Properties:*

- very good adhesion to concrete
- highly resistant to abrasion
- increases chemical resistance of substrates
- vapor-permeable
- meets high hygienic requirements
- solvent free and water-dilutable
- also suitable for wet substrates (up to 10%)

| | |
|---|---|
| Consumption | 0,2 - 0,3 kg/m$^2$ |
| Processing temperature | from +10$^0$C to +27$^0$C |
| Available packages | 5 kg |


## EPOLIS WE 200

### Epoxy water-dispersion paint

*Use:*

- protection and preservation of mineral substrates (concrete cement mortar, mineral screeds, gypsum plaster, etc.)
- renovation of epoxy floor systems
- horizontal and vertical marking on traffic routes in places of mechanical loads caused by pedestrian traffic, forklifts
- in rooms exposed to permanent moisture (e.g. basements)
- inside and outside of buildings
- for vertical and horizontal surfaces

*Properties:*

- available in different color versions
- very good covering
- vapor-permeable
- solvent free and water-dilutable
- high abrasion resistance
- increases chemical resistance of substrates
- meets high hygienic requirements
- can be used on wet substrates (up to 10%)

| | |
|---|---|
| Consumption | 0,2 - 0,4 kg/m$^2$ |
| Processing temperature | from +10$^0$C to +27$^0$C |
| Drying time | approx. 2 hours |
| Available packages | 15 kg |

## EPOLIS WE 300

### Epoxy water-dispersion varnish

| | |
|---|---|
| Consumption | 0,15 - 0,3 kg/m² |
| Mixing ratio | 1:0,20 (comp. A: comp. B) |
| Application temperature | from +10°C to 27°C |
| Recommended number of layers | 1 |
| Available packages | 5 kg |

*Use:*

- for coating matting of epoxy resin floors
- for protecting mineral substrates

*Properties:*

- high resistance to abrasion
- increases chemical resistance of substrates
- vapor-permeable
- meets high hygienic requirements
- solvent free
- water-dilutable
- makes it possible to obtain a surface that is durable, aesthetic and easy to keep clean

## EPOLIS EP 601

### Two-component epoxy primer

| | |
|---|---|
| Consumption | 0,2 - 0,5 kg/m² |
| Processing temperature | from +15°C to +30°C |
| Time between applying successive layers | 24 hours |
| Available packages | 20 kg |

*Use:*

- priming of mineral and steel substrates prior to application NEXLER EPOLIS EP 602
- strengthening absorbent, porous and/or low mechanical strength substrates
- performing a bonding layer on ceramic cladding, stone, terrazzo, steel surfaces
- priming substrates for weldable bitumen membranes, including wet substrates (fresh, young concrete)

*Properties:*

- very good adhesion to the substrate
- strengthens the primed substrate
- resistant to acidic or alkaline chemical media, to water, sea and industrial atmosphere, to frost

## EPOLIS EP 602

### Two-component epoxy membrane

| | |
|---|---|
| Consumption | 1,0 - 1,2 kg/m² |
| Processing temperature | from +15°C to +30°C |
| Time between applying successive layers | 24 hours |
| Available packages | 20 kg |

*Use:*

- for protection of pedestrian and traffic-loaded routes (e.g. multi-car garages, production halls)
- for protection of concrete structures and steel elements in industry and construction, as well as ballast and wastewater tanks, eg. in municipal and industrial wastewater treatment plants, in inland and marine hydrotechnical construction engineering

*Properties:*

- very good adhesion to the substrate
- high resistance to mechanical load (abrasion, impact), acidic or alkaline chemicals, water, marine and industrial atmosphere, oils, gasoline, dissolved acids, alkalis and salts, etc.

## EPOLIS EP 603

### Epoxy sealant

*Use:*

- for filling expansion joints from 5 to 35 mm wide inside and outside buildings
- for closing cracks and fissures on vertical surfaces (NEXLER EPOLIS EP 603 - product version for vertical use)
- for closing cracks on horizontal surfaces (NEXLER EPOLIS EP 603 - product version for horizontal use), also loaded with traffic

*Properties:*

- very good adhesion to concrete, ceramic cladding and resin floors
- resistant to mechanical loads (abrasion, impact)
- resistant to acidic or alkaline chemicals, water, marine and industrial atmosphere, domestic sewage

| | |
|---|---|
| Consumption | 0,035 - 0,5 l |
| Processing temperature | from +15°C to +30°C |
| Available versions | for vertical and horizontal surfaces |
| Available packages | 2 kg |

## Impregnates and Coatings


## Impregnant W2

### Wood impregnate

*Use:*

- protection against the development of wood-destroying and bluing-causing fungi, as well as those causing surface mold

*Properties:*

- high wood preservative properties
- easy and quick to apply
- does not require special equipment
- forms a colorless protective coating resistant to variable weather conditions

| | |
|---|---|
| Consumption | approx. 0,33 l/m² when applied 2-3 times, 27 l/m³ of wood |
| Application temperature | from +5°C to +25°C |
| Color | tea colour |
| Permeability through paints and lacquer coatings | does not penetrate |
| Available packages | 20 l, 200 l |


## Pavement Guard

### Impregnate for paving stones and other concrete surfaces

*Use:*

- impregnation of paving blocks and concrete surfaces for vehicular and pedestrian traffic
- protecting concrete elements
- impregnation of ceramic bricks

*Properties:*

- increases resistance to abrasion
- improves surface appearance and enhances color
- increases resistance to weather conditions (rain, frost)
- enables to keep the surface clean
- protects against the formation of permanent dirt

| | |
|---|---|
| Consumption | 0,17 - 0,2 l/m² |
| Application temperature | from +5°C to +25°C |
| Drying time | approx. 2 hours |
| Number of layers | 1-2 |
| Possibility of movement | people - after 12 hours<br>vehicles - after 72 hours |
| Available versions | semi-matte and gloss |
| Available packages | 5 l |


| | |
|---|---|
| Consumption | approx. 0,02 l/m² - 0,06 l/m² depending on substrate absorbency |
| Form | oily amber-colored liquid |
| Melting point | ≤ -10°C |
| Ignition temperature | > 100°C |
| Volumetric density at temperature 15°C | 0,8-0,9 g/cm³ ± 5 g/cm³ |
| Available packages | 10 l, 200 l |

## Separator B
### Oil-based anti-adhesive agent


***Use:***

- protection and maintenance of molds, steel and wooden formwork, matrixes and wooden pallets

***Properties:***

- solvent-free
- does not adhere to concrete
- can be easily removed from the formwork
- odorless
- allows to obtain a clean and even outer surface of concrete
- does not run off even at medium temperatures
- prevents concrete from sticking to forms

## Polyurethane Foams


| | |
|---|---|
| Consumption | approx. 10-14 m² per 750ml |
| Ambient temperature during application | from -5°C to +30°C |
| Mechniacal fixing | after approx. 2 h |
| Correction time | approx. 10 min. |
| Full curing time | after approx. 12 h |
| Available packages | 750 ml |

## STYROPUK Foundation
### Adhesive for polystyrene foam and XPS


***Use:***

- gluing of EPS (styrofoam) and XPS panels to the surface of plinths, foundations and underground parts of buildings
- to mineral substrates (such as concrete, ceramic, silicate, cellular concrete)
- for substrates made of wood, OSB, sheet metal
- for substrates made of bitumen membranes and with jointless bitumen insulation

***Properties:***

- low pressure and ready to use
- excellent adhesion to bitumen and mineral substrates
- can be used over a wide temperature range


| | |
|---|---|
| Consumption | approx. 8-12 m² per 750 ml |
| Ambient temperature during application | from -5°C to +30°C |
| Mechniacal fixing | after approx. 2 h |
| Correction time | approx. 10 min. |
| Full curing time | after approx. 12 h |
| Available packages | 750 ml |

## STYROPUK Facade
### Adhesive for polystyrene foam and XPS


***Use:***

- bonding of EPS (polystyrene) and XPS panels to mineral substrates (e.g. concrete, ceramic, silicate, cellular concrete), when insulating buildings with the light-wet method (BSO/ETICS)
- for wooden substrates, OSB, galvanized steel sheet and bitumen membrane substrates

***Properties:***

- low pressure and ready to use
- excellent adhesion to bitumen and mineral substrates
- can be used over a wide temperature range


## STYROPUK Roof

### Adhesive for polystyrene foam and XPS

*Use:*

- bonding of EPS (polystyrene) and XPS boards to the surface of flat roofs covered with: sheet metal, bitumen membrane, seamless bitumen insulation
- bonding to substrates of: concrete, wood, OSB, galvanized steel sheet, steel sheet with polyester coating
- gluing of EPS and XPS boards between each other

*Properties:*

- low pressure and ready to use
- exhibits resistance to wind suction forces and excellent adhesion to various substrates
- short curing time
- can be used in a wide temperature range

| | |
|---|---|
| Consumption | approx. 10-12 $m^2$ per 750ml |
| Ambient temperature during application | from -5°C to +30°C |
| Mechniacal fixing | after approx. 2 h |
| Correction time | approx. 4 min. |
| Full curing time | after approx. 24 h |
| Available packages | 750 ml |


## STYROPUK Foam Cleaner

### Polyurethane foam cleaner

*Use:*

- removal of uncured polyurethane foams and adhesives
- cleaning of container valves, nozzles and dispensing guns
- degreasing of steel surfaces

*Properties:*

- dissolves uncured residues of one-component polyurethanes
- does not leave a sticky film on the cleaned surface
- CFCs free

| | |
|---|---|
| Time to remove contamination | 5 - 30 s |
| Ambient temperature during application | from +5°C to +35°C |
| Storage temperature | from +5°C to +25°C |
| Available packages | 500 ml |

## Supplementary Products


## RR

### Mineral-asphalt compound (for cold use)

*Use:*

- repair of asphalt road surfaces
- filling of road defects - without heat treatment

*Properties:*

- cold application: excellent workability
- used in a wide temperature range (from -10°C to +30°C)
- compacted manually or mechanically
- vehicle traffic possible immediately after repair

| | |
|---|---|
| Consumption | approx. 2,2 $t/m^3$ |
| Application temperature | from -10°C to +30°C |
| Content space | < 25% |
| Penetration test | ≤ 2 mm |
| Adhesion of binder to aggregate | ≥ 80% |
| Available packages | 25 kg |

| | |
|---|---|
| Diameters | 6, 8, 10, 15, 20, 25 mm<br>bespoke:<br>30, 40, 50, 60, 70 mm |
| Apparent density | 32 kg/m³ |
| Elongation at break point | longitudinal 15%<br>transversal 8% |
| Absorbability | non-absorbent |
| Composition | foamed polyethylene |

## Backer Rod

### Polyethylene foam cord for filling joints

*Use:*

- for filling expansion joints in buildings
- used on vertical and horizontal surfaces
- reduces consumption of the filler material

*Properties:*

- flexible
- resistant to aging processes

| | |
|---|---|
| Tape width | 120 mm |
| Width of the sealing layer | 70 mm |
| Maximum tensile stress | ≥ 3,8 MPa |
| Relative elongation at maximum tensile stress | ≥ 110% |

## Sealing Tape 120/70

### Double-coated sealing tape


*Use:*

- for increasing the tightness of places exposed to moisture (corners, wall-floor joints, etc.)
- to ensure tightness in places of tension
- especially recommended for interior use

*Properties:*

- highly elastic across, non-stretchable lengthwise
- non-absorbent
- chemically resistant

*Material composition:*

- carrier: knitted polyester fabric
- membrane: thermoplastic elastomer

| | | |
|---|---|---|
| Tape width | 120 mm | 300 mm |
| Width of the sealing layer | 120 mm | 300 mm |
| Maximum tensile stress | ≥ 3,4 MPa | ≥ 3,4 MPa |
| Relative elongation at maximum tensile stress | ≥ 170% | ≥ 170% |

## Sealing Tape 120/120, 300/300

### Double-coated sealing tape


*Use:*

- for increasing the tightness of places exposed to moisture (corners, wall-floor joints, etc.)
- to ensure tightness in places of tension
- especially recommended for outdoor use

*Properties:*

- highly elastic across, non-stretchable lengthwise
- non-absorbent
- chemically resistant

*Material composition:*

- carrier: non-woven polyester on both outer sides
- membrane: thermoplastic elastomer

## BT 120/120, 300/300

### Double-coated sealing tape with butyl strip

*Use:*

- provides flexible waterproofing for areas particularly prone to dampness
- for sealing inside, e.g. a bathtub or shower tray with a wall
- for external sealing between window profiles and terrace/balcony floor

*Properties:*

- highly elastic across, non-stretchable lengthwise
- non-absorbent
- chemically resistant

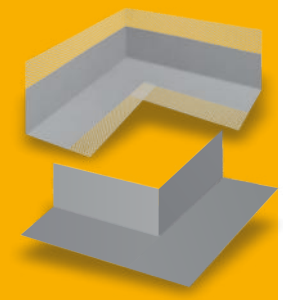
*Material composition:*

- carrier: non-woven polyester on both outer sides
- membrane: thermoplastic elastomer

| | | |
|---|---|---|
| Tape width | 120 mm | 300 mm |
| Width of the sealing layer | 120 mm | 300 mm |
| Maximum tensile stress | ≥ 3,4 MPa | ≥ 3,4 MPa |
| Relative elongation at maximum tensile stress | ≥ 170% | ≥ 170% |

## Corner 120/70, 120/120

### Internal and external corner piece



*Use:*

- for increasing the waterproofing of areas prone to moisture such as bathrooms and showers
- to ensure continuity of waterproofing in corners in combination with tape 120/70 and 120/120

*Properties:*

- highly elastic across, non-stretchable lengthwise
- non-absorbent
- chemically resistant

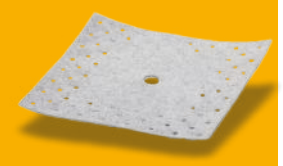
*Material composition:*

- 120/70 carrier: polyester knitted fabric on both outer sides
  120/120 carrier: non-woven polyester fabric on both outer sides
- membrane: thermoplastic elastomer

| | |
|---|---|
| Sealing width | 70 mm ( 120/70 ) |
| | 120 mm ( 120/120 ) |

## Sealing Cuff 120/120, 420/420

### Wall cuff



*Use:*

- to increase the tightness of places particularly exposed to moisture (passage of fasteners through waterproofing, e.g. railings, mounts for photovoltaics)

*Properties:*

- highly elastic across, non-stretchable lengthwise
- non-absorbent
- chemically resistant

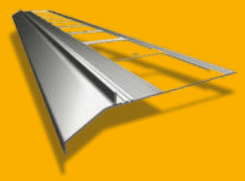
*Material composition:*

- carrier: non-woven polyester on both outer sides
- membrane: thermoplastic elastomer

| | |
|---|---|
| Dimensions | 120/120 mm, 420/420 mm |

| | |
|---|---|
| Composition | aluminum alloy |
| Weight | 390 g/lm |
| Nominal thickness of coating | ≥ 60 µm |
| Available packaging | box (4 pcs. - 2 lm. each) |

## TB 10
### Balcony and terrace profile



*Use:*

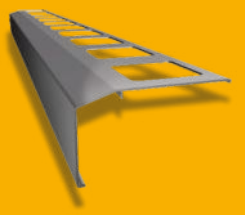
- edge finishing of balconies and terraces with 2-3 mm thick resin flooring

*Properties:*

- ensures tightness of the eaves area
- allows for effective drainage of water from balconies and terraces
- resistant to corrosion and atmospheric factors
- easy and quick to instal
- aesthetic appeal

| | |
|---|---|
| Composition | aluminum alloy |
| Weight | 750 g/lm |
| Nominal thickness of coating | ≥ 60 µm |
| Available packaging | box (4 pcs. - 2 lm. each) |

## TB 20
### Balcony and terrace profile



*Use:*

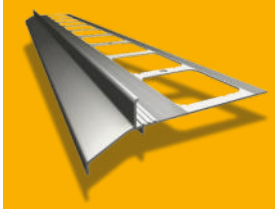
- edge finishing on balconies and terraces finished with ceramic cladding with sub-tile insulation made of sealing micro-mortar

*Properties:*

- ensures tightness of the eaves area
- allows for effective drainage of water from balconies and terraces
- resistant to corrosion and atmospheric factors
- easy and quick to install
- aesthetic appeal

| | |
|---|---|
| Composition | aluminum alloy |
| Weight | 650 g/lm |
| Nominal thickness of coating | ≥ 60 µm |
| Available packaging | box (4 pcs. - 2 lm. each) |

## TB 30
### Balcony and terrace profile



*Use:*

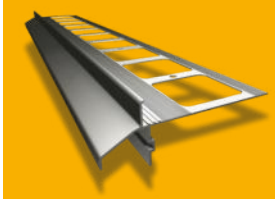
- edge finishing on balconies and terraces finished with ceramic cladding with sub-tile insulation made of sealing micro-mortar
- holes on surface allows to drain moisture from under the floor

*Properties:*

- ensures tightness of the eaves area
- allows for effective drainage of water from balconies and terraces
- resistant to corrosion and atmospheric factors
- easy and quick to install
- aesthetic appeal

| | |
|---|---|
| Composition | aluminum alloy |
| Weight | 1240 g/lm |
| Nominal thickness of coating | ≥ 60 µm |
| Available packaging | box (4 pcs. - 2 lm. each) |

## TB 40
### Balcony and terrace profile with gutter holder

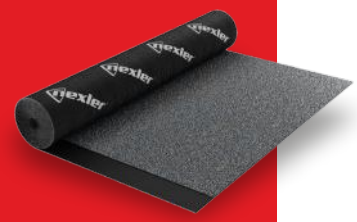


*Use:*

- edge finishing on balconies and terraces covered with ceramic cladding with sub-tile insulation made of sealing micro-mortar
- holes on surface allows to drain moisture from under the floor and to systemic fixing of a gutter

*Properties:*

- ensures tightness of the eaves area
- allows for effective drainage of water from balconies and terraces
- resistant to corrosion and atmospheric factors
- easy and quick to install
- aesthetic appeal



## PREMIUM PYE PV250 S56H

### Weldable top layer bitumen membrane highly modified with SBS

17 yr warranty · 2x SBS

*Use:*

- top layer in multilayer roof and terrace coverings for any type of substrate
- in a single-layer system for renovation of bituminous coverings
- top layer on ballasted roofs and under road surface

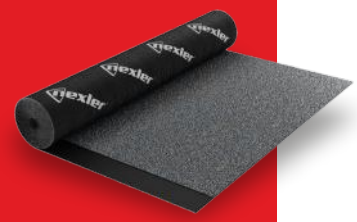
*Properties:*

- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

*Sprinkle type:*

coarse-grained; steel

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 5,6 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 1200±200 (N/5cm) | 900±200 (N/5cm) |
| Elongation | (60±15) % | (60±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |



## PREMIUM PYE PV250 S53H

### Weldable top layer bitumen membrane highly modified with SBS

17 yr warranty · 2x SBS

*Use:*

- top layer in multilayer roof and terrace coverings for any type of substrate
- in a single-layer system for renovation of bituminous coverings
- top layer on ballasted roofs and under road surface

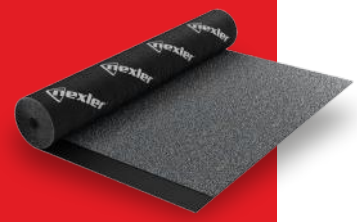
*Properties:*

- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

*Sprinkle type:*

coarse-grained; steel, claret, green, autumn brown

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 5,3 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 1200±250 (N/5cm) | 900±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |



## PREMIUM PYE PV 50H

### Weldable top layer bitumen membrane highly modified with SBS

15 yr warranty · 2x SBS

*Use:*

- top layer in multilayer roof and terrace coverings for any type of substrate
- in single-layer system for renovation of bituminous coverings
- top layer bitumen membrane on flat and sloping roofs

*Properties:*

- strong and thermally stable
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

*Sprinkle type:*

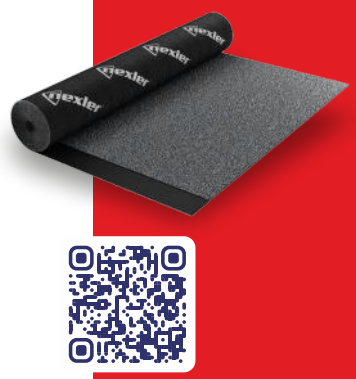
coarse-grained; steel

| | | |
|---|---|---|
| Roll dimensions | 8 x 1 m | |
| Weight | 5 kg/m² | |
| Reinforcement | polyester reinforced with fibre glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±200 (N/5cm) | 600±200 (N/5cm) |
| Elongation | (50±25) % | (50±25) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$, $B_{roof}(t_2)$ | |


| | | |
|---|---|---|
| Roll dimensions | 6 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | polyester reinforced with fibre glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 850±250 (N/5cm) | 600±200 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$, $B_{roof}(t_2)$ | |

## PREMIUM PYE PV200 S40H

### Weldable top layer bitumen membrane highly modified with SBS



*Use:*

- top layer in multilayer roof and terrace coverings for any type of substrate
- in single-layer system for renovation of bituminous coverings
- top layer bitumen membrane on flat and sloping roofs

*Properties:*

- strong and thermally stable
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

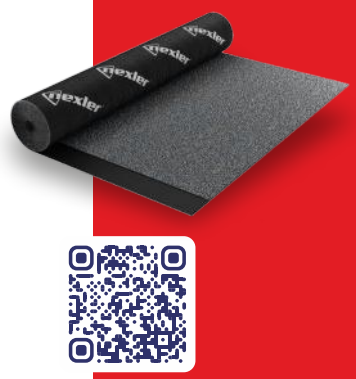
*Sprinkle type:*

coarse-grained; steel


| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Weight | 4,0 kg/m² | |
| Reinforcement | polyester reinforced with fibre glass | |
| Asphalt type, cold flexibility | mod. SBS, -15°C | |
| | longitudinal | transversal |
| Tensile strenght | 600±200 (N/5cm) | 400±200 (N/5cm) |
| Elongation | (50±20) % | (50±20) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |

## PREMIUM PYE PV 40–15H

### Weldable top layer bitumen membrane highly modified with SBS



*Use:*

- top layer in multilayer roof and terrace coverings for any type of substrate
- in single-layer system for renovation of bituminous coverings
- top layer bitumen membrane on flat and sloping roofs

*Properties:*

- strong and thermally stable
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

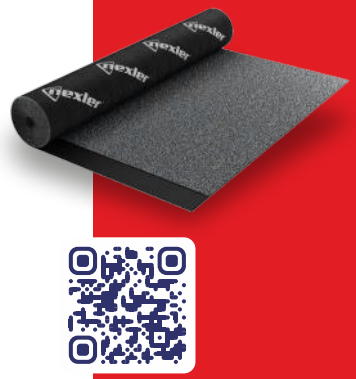
*Sprinkle type:*

coarse-grained; steel


| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 5,3 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 900±250 (N/5cm) | 700±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$, $B_{roof}(t_2)$ | |

## PJ PYE PV250 S53H

### Weldable top layer bitumen membrane highly modified with SBS



*Use:*

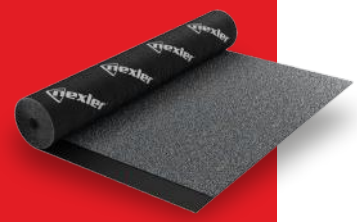
- top layer in multilayer roof and terrace coverings for any type of substrate
- in single-layer system for renovation of bituminous coverings

*Properties:*

- strong and durable
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

*Sprinkle type:*

coarse-grained; steel



## PJ PYE PV250 S52H

### Weldable top layer bitumen membrane highly modified with SBS

*Use:*

- top layer in multilayer roof and terrace coverings for any type of substrate
- in single-layer system for renovation of bituminous coverings
- top layer bitumen membrane on flat and sloping roofs

*Properties:*

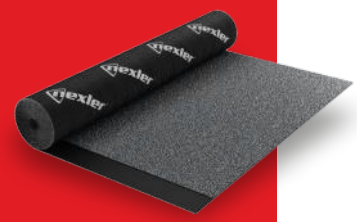
- strong and durable
- flexible over a wide temperature range
- approved for use in reduced temperatures
- fixed by welding

*Sprinkle type:*

coarse-grained; steel

10 yr warranty · 2x SBS · +/-

| | | |
|---|---|---|
| Roll dimensions | 6 x 1 m | |
| Thickness | 5,2 mm | |
| Reinforcement | polyester reinforced with fibre glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 700+300; -200 (N/5cm) | 500+300; - 200 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$, $B_{roof}(t_2)$ | |



## MEDIUM PYE PV250 S52H

### Weldable top layer bitumen membrane with SBS modification

*Use:*

- top layer in multi-layer roofing on stable substrates
- in a single layer system for renovation of bituminous coverings

*Properties:*

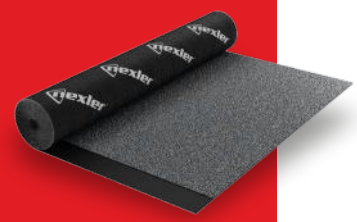
- strong and thermally stable
- fixed by welding

*Sprinkle type:*

coarse-grained; steel

8 yr warranty · $ · +/-

| | | |
|---|---|---|
| Roll dimensions | 6 x 1 m | |
| Thickness | 5,2 mm | |
| Reinforcement | polyester reinforced with fibre glass | |
| Asphalt type, cold flexibility | mod. SBS, -5°C | |
| | longitudinal | transversal |
| Tensile strenght | 700+300; -250 (N/5cm) | 500+300; -250 (N/5cm) |
| Elongation | (20+35, -16)% | (20+35, -16)% |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |



## STANDARD V60 S42H

### Weldable top layer bitumen membrane

*Use:*

- top layer in multi-layer roofing, on stable substrates
- in single layer system for renovation of bituminous roofing, on stable substrates

*Properties:*

- economical solution
- fixed by welding

*Sprinkle type:*

coarse-grained; grey

4 lata warranty · $ · +/-

| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 4,2 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 550±150 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |

## PREMIUM PYE PV250 S48

### Weldable underlay bitumen membrane highly modified with SBS

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 4,8 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 1200±200 (N/5cm) | 900±200 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

*Use:*

- underlayer in multi-layer roofing, terraces and balconies for any type of substrate
- underlayer on ballasted roofs and under the road surface
- waterproofing of underground parts of buildings
- effective vapor barrier

*Properties:*

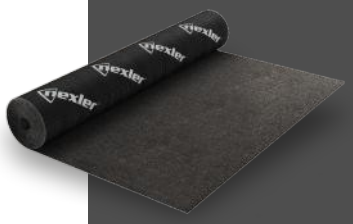
- durable and puncture resistant
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained

## PREMIUM PYE PV200 S40

### Weldable underlay bitumen membrane highly modified with SBS



| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 900±300 (N/5cm) | 700±300 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

*Use:*

- underlayer in multi-layer roofing, terraces and balconies on any type of substrate
- underlayer on ballasted roofs and under road surfacesas
- waterproofing of underground parts of buildings
- effective vapor barrier

*Properties:*

- durable and puncture resistant
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained

## PREMIUM PYE G200 S40

### Weldable underlay bitumen membrane highly modified with SBS

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | glass fabric | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 1500±500 (N/5cm) | 2900±900 (N/5cm) |
| Elongation | (12±7) % | (12±7) % |
| Fire rate | REI, NRO | |

*Use:*

- underlayer in multi-layer roofing, terraces and balconies on any type of substrate, especially in waterproofing layers
- underlayer on ballasted roofs and under the road surface
- waterproofing of underground parts of buildings

*Properties:*

- durable and puncture resistant
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained

## PREMIUM PYE PV200 S30 FF

### Weldable higly SBS-modified underlay bitumen membrane with foil


| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 3,0 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 850±200 (N/5cm) | 600±200 (N/5cm) |
| Elongation | (45±15) % | (45±15) % |
| Fire rate | REI, NRO | |

*Use:*

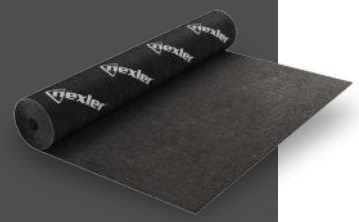
- underlayer in multi-layer roofing, terraces and balconies on any type of substrate, especially on layers of thermal insulation
- underlayer on ballasted roofs and under the road surface
- waterproofing of underground parts of buildings

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically
- has a layer of foil on the top side to accelerate bonding with the top layer and facilitate removal of dirt and water from the surface

*Top finishing:*

foil



## PREMIUM PYE PV180 S40

### Weldable underlay bitumen membrane highly modified with SBS


| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -15°C | |
| | longitudinal | transversal |
| Tensile strenght | 850±150 (N/5cm) | 550±150 (N/5cm) |
| Elongation | (50±15)% | (50±15)% |
| Fire rate | REI, NRO | |

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate
- underlayer on ballasted roofs and under road surface
- waterproofing of underground parts of buildings

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained

## PREMIUM PYE PV160 S30

### Weldable underlay bitumen membrane highly modified with SBS


| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 3,0 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -15°C | |
| | longitudinal | transversal |
| Tensile strenght | 750±150 (N/5cm) | 500±150 (N/5cm) |
| Elongation | (45±15) % | (45±15) % |
| Fire rate | REI, NRO | |

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate
- underlayer on ballasted roofs and under the road surface
- waterproofing of underground parts of buildings
- effective vapor barrier layer

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained


| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Weight | 4,0 kg/m² | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±200 (N/5cm) | 600±200 (N/5cm) |
| Elongation | (50±25) % | (50±25) % |
| Fire rate | REI, NRO | |

## PREMIUM PYE PV 40

### *Weldable underlay bitumen membrane highly modified with SBS*

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- underlayer on ballasted roofs and under the road surfaces
- waterproofing of underground parts of buildings

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained


| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Weight | 3,0 kg/m² | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±200 (N/5cm) | 600±200 (N/5cm) |
| Elongation | (50±25) % | (50±25) % |
| Fire rate | REI, NRO | |

## PREMIUM PYE PV 30

### *Weldable underlay bitumen membrane highly modified with SBS*

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- underlayer on ballasted roofs and under the road surfaces
- waterproofing of underground parts of buildings

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

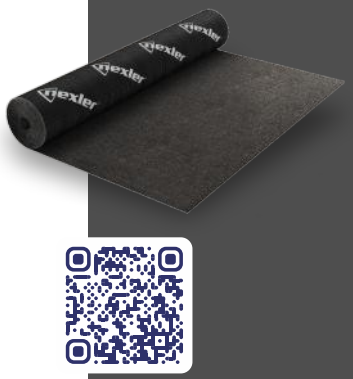
*Sprinkle type:*

fine-grained


| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Weight | 3,0 kg/m² | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -15°C | |
| | longitudinal | transversal |
| Tensile strenght | 600±200 (N/5cm) | 400±300 (N/5cm) |
| Elongation | (50±20) % | (50±20) % |
| Fire rate | REI, NRO | |

## PREMIUM PYE PV 30–15

### *Weldable underlay bitumen membrane modified with SBS*



*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- underlayer on ballasted roofs and under the road surfaces
- waterproofing of underground parts of buildings

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained

## PREMIUM PYE V100 S35*

### Weldable underlay bitumen membrane modified with SBS

*Use:*

- underlayer in multi-layer roofing on stable substrates
- moisture insulation for buildings
- effective vapor barrier

*Properties:*

- fixed by welding

*Sprinkle type:*

fine-grained

*made-to-order product

12 yr warranty · 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 3,5 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | mod. SBS, -15°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±300 (N/5cm) | 500±200 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |

## PJ PYE PV200 S40 FF

### Weldable higly SBS-modified underlay bitumen membrane with foil

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- underlayer on ballasted roofs and under the road surface
- waterproofing of underground parts of buildings

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically
- has a film layer on the top side to accelerate bonding with the top layer and facilitate removal of dirt and water from the surface

*Top finishing:*

foil

14 yr warranty · 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±200 (N/5cm) | 600±300 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

## PJ PYE PV200 S40

### Weldable underlay bitumen membrane highly modified with SBS

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- underlayer on ballasted roofs and under the road surfaces
- waterproofing of underground parts of buildings
- effective vapor barrier

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

fine-grained

9 yr warranty · 2x SBS · +/-

| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 700+300-200 (N/5cm) | 500+300-200 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

11 yr warranty | SBS

## Ultimax PYE G200 S25

### Weldable underlay bitumen membrane modified with SBS

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 2,5 mm | |
| Reinforcement | glass fabric | |
| Asphalt type, cold flexibility | mod. SBS, -10°C | |
| | longitudinal | transversal |
| Tensile strenght | 1500±500 (N/5cm) | 2900±900 (N/5cm) |
| Elongation | (8±4) % | (8±4) % |
| Fire rate | REI, NRO | |

*Use:*

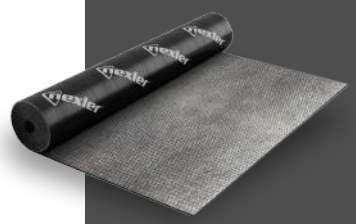
- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- waterproofing of underground parts of buildings

*Properties:*

- fixed by welding or mechanically
- has a strong and durable reinforcement
- has special fleece on the top side that speeds up bonding with top layer bitumen membrane and facilitates the removal of dirt and water from the surface

*Top finishing:*

non-woven fabric



7 yr warranty | SBS

## MEDIUM PYE PV200 S40

### Weldable underlay bitumen membrane modified with SBS

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

*Use:*

- underlayer in multi-layer roofing, terraces and balconies
- waterproofing of underground parts of buildings

*Properties:*

- fixed by welding or mechanically
- has a strong reinforcement

*Sprinkle type:*

fine-grained

5 yr warranty | SBS

## MEDIUM PYE G200 S40

### Weldable underlay bitumen membrane modified with SBS

| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | glass fabric | |
| Asphalt type, cold flexibility | mod. SBS, -5°C | |
| | longitudinal | transversal |
| Tensile strenght | 1300±500 (N/5cm) | 2500±800 (N/5cm) |
| Elongation | (7±3) % | (7±3) % |
| Fire rate | REI, NRO | |

*Use:*

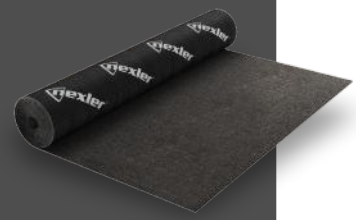
- underlayer in multi-layer roofing
- moisture insulation for buildings
- effective vapor barrier

*Properties:*

- fixed by welding or mechanically
- has a strong and durable reinforcement

*Sprinkle type:*

fine-grained



## STANDARD V60 S35

### Weldable underlay bitumen membrane

*Use:*

- underlayer in multi-layer roofing on stable substrates
- moisture insulation for buildings
- effective vapor barrier

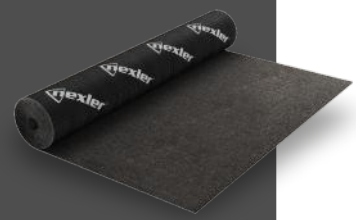
*Properties:*

- fixed by welding

*Sprinkle type:*

fine-grained

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 3,5 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 550±150 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |



## STANDARD V60 S30

### Weldable underlay bitumen membrane

*Use:*

- underlayer in multi-layer roofing on stable substrates
- moisture insulation for buildings
- effective vapor barrier layer

*Properties:*

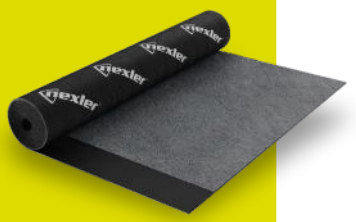
- fixed by welding

*Sprinkle type:*

fine-grained

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 3,0 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 550±150 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |

## Special Membranes



## One

### Single-ply weldable bitumen membrane highly modified with SBS

*Use:*

- single-layer coating for roofs, terraces and balconies on any type of substrate
- In a single-layer system for renovation of bituminous coverings

*Properties:*

- durable and puncture resistant
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically

*Sprinkle type:*

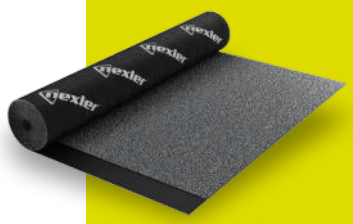
coarse-grained; steel

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 5,3 mm | |
| Reinforcement | polyester reinf. with glassfiber mesh | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 1200±300 (N/5cm) | 850±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$, $B_{roof}(t_2)$ | |


| | | |
|---|---|---|
| Roll dimensions | 5,5 x 1 m | |
| Thickness | 5,0 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 1100±200 (N/5cm) | 900±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

## Green Roof PYE PV250 S50

### Weldable top layer bitumen membrane highly modified with SBS



*Use:*

- top layer in multi-layer green and ballast roofing and under the road surface
- waterproofing of underground elements of the building

*Properties:*

- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding
- blocks root overgrowth

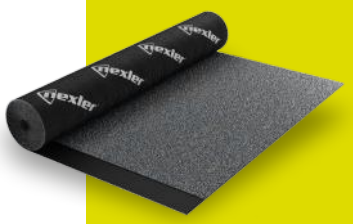
*Sprinkle type:*

coarse-grained; steel


| | | |
|---|---|---|
| Roll dimensions | 5,5 x 1 m | |
| Thickness | 4,2 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 850±250 (N/5cm) | 550±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

## Green Roof PYE PV200 S42

### Weldable top layer bitumen membrane highly modified with SBS



*Use:*

- top layer in multi-layer green and ballast roofing and under the drivng surface
- waterproofing of underground elements of the building

*Properties:*

- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding
- blocks root overgrowth

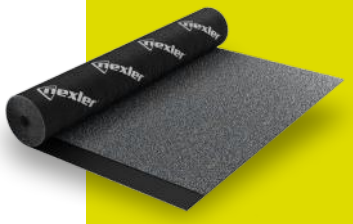
*Sprinkle type:*

coarse-grained; steel


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

## Most+

### Bitumen membrane for single-layer insulation of bridges and engineering structures



*Use:*

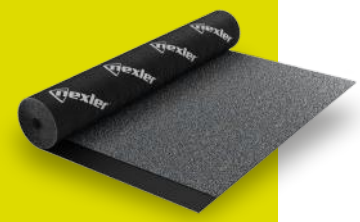
- insulation of concrete deck slabs of bridges and other concrete surfaces intended for vehicle traffic

*Properties:*

- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

*Sprinkle type:*

coarse-grained; steel



## Parking+

### Bitumen membrane for single-layer insulation of surface and underground parking lots

*Use:*

- single-layer waterproofing of concrete surfaces intended for vehicle traffic such as parking lots, garages, etc.

*Properties:*

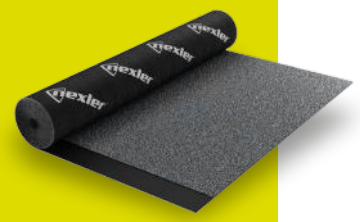
- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding

*Sprinkle type:*

coarse-grained; steel

12 yr warranty · 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 5,5 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| Resistance to run-off | (100±10) °C | |
| | longitudinal | transversal |
| Tensile strenght | 1250±150 (N/5cm) | 950±150 (N/5cm) |
| Elongation | (55±15) % | (60±15) % |



## Protection

### Weldable SBS-modified top layer bitumen membrane with improved fire resistance

*Use:*

- top layer in multi-layer roof and terrace coverings on any type of substrate, especially on photovoltaic roofs
- in a single-layer system for the renovation
- of bituminous roof coverings

*Properties:*

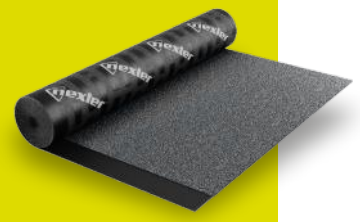
- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding
- with special additives that reduce flammability

*Sprinkle type:*

coarse-grained; steel

18 yr warranty · 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 5,2 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS with graphite added, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 1100±200 (N/5cm) | 900±200 (N/5cm) |
| Elongation | (50±10) % | (50±10) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$, $B_{roof}(t_2)$ | |



## Renovation

### top layer highly modified with SBS bitumen membrane for roof ventilation

*Use:*

- single-layer renovation of old soggy (usually multi-layer) roofing

*Properties:*

- durable and puncture resistant
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding
- has a system of channels on the underside
- allowing ventilation of water vapor

*Sprinkle type:*

coarse-grained; steel

14 yr warranty · 2x SBS

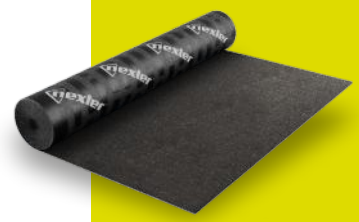
| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 5,3 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 1100±200 (N/5cm) | 900±200 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |

14 yr warranty | 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Weight | 3,3 kg/m² | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±200 (N/5cm) | 600±200 (N/5cm) |
| Elongation | (50±25) % | (50±25) % |

## Renovation Base

### Weldable underlay highly modified with SBS bitumen membrane for roof ventilation



*Use:*

- underlayer in multi-layer renovation of old, soggy roofing

*Properties:*

- durable and puncture resistant
- flexible over a wide temperature range
- fixed by welding
- has a system of channels on the underside allowing ventilation of water vapor

*Sprinkle type:*

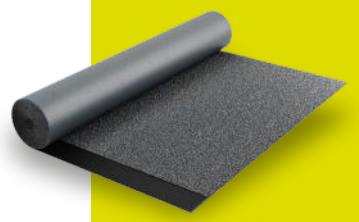
fine-grained

12 yr warranty | 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 4,2 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 1000±250 (N/5cm) | 750±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ | |

## Top S42 SP

### Self-adhesive top layer bitumen membrane highly modified with SBS



*Use:*

- top layer in multi-layer roof and terrace coverings
- single-layer renovation of old coverings
- single-layer insulation of sloping roofs and non-insulated balconies

*Properties:*

- durable and puncture resistant
- flexible
- self-adhesive or mechanically fixed

*Sprinkle type:*

coarse-grained; steel

16 yr warranty | 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 3,0 mm | |
| Reinforcement | glass fabric | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 1500±500 (N/5cm) | 2900±900 (N/5cm) |
| Elongation | (12±7) % | (12±7) % |
| Fire rate | REI, NRO | |

## Plan PYE G200 S30 SP

### Self-adhesive underlay bitumen membrane highly modified with SBS

*Use:*

- underlayer in multi-layer roofing, terraces and balconies on any type of substrate, especially on layers of thermal insulation
- an underlayer on ballasted roofs and under vehicle traffic
- moisture insulation for buildings
- effective vapor barrier

*Properties:*

- durable and puncture resistant
- flexible
- self-adhesive or mechanically fixed

*Top finishing:*

foil

## Stick

### Self-adhesive underlay bitumen membrane highly modified with SBS

*Use:*

- priming layer in multi-layer roofing, terraces and balconies for any type of substrate, especially on layers of EPS thermal insulation
- moisture insulation for buildings
- effective vapor barrier

*Properties:*

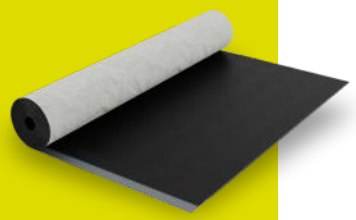
- flexible
- self-adhesive or mechanically fixed
- easy and convenient to install in parapet corners and as a roof flashing

*Top finishing:*

foil

12 yr warranty · 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 2,5 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 450±150 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |



## Membrane SP

### Self-adhesive bitumen membrane highly modified with SBS

*Use:*

- waterproofing of buildings, including underground elements
- insulation of terraces and balconies

*Properties:*

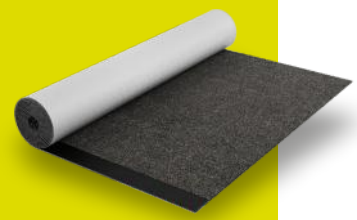
- durable and flexible
- tightly covers microcracks in the substrate
- self-adhesive
- with a layer of thick HDPE foil on the top side

*Top finishing:*

HDPE foil

15 yr warranty · 2x SBS

| | | |
|---|---|---|
| Roll dimensions | 15 x 1 m | |
| Thickness | 1,5 mm | |
| Reinforcement | none | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | ≥ 200 (N/5cm) | ≥ 200 (N/5cm) |
| Elongation | ≥ 100 % | ≥ 100 % |



## Alu Aquastoper SP

### Self-adhesive vapor barrier bitumen membrane highly modified with SBS

*Use:*

- effective vapor barrier layer
- horizontal waterproofing insulation

*Properties:*

- excellent vapor barrier and anti-radon properties
- assembled by self-adhesive method
- has an aluminum composite reinforcement

*Sprinkle type:*

fine-grained

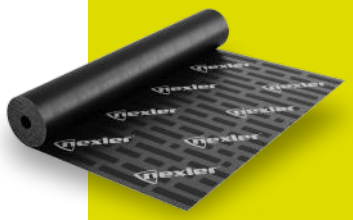
15 yr warranty

| | | |
|---|---|---|
| Roll dimensions | 20 x 1 m | |
| Thickness | 1,5 mm | |
| Reinforcement | glass veil + aluminium | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±200 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |


| | | |
|---|---|---|
| Roll dimensions | 10 x 1 mm | |
| Thickness | 2,5 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -10°C | |
| | longitudinal | transversal |
| Tensile strenght | 600±200 (N/5cm) | 450±200 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO | |

## Thermostick

### Bitumen membrane modified with SBS



*Use:*

- effective vapor barrier
- underlay bitumen membrane for roof ventilation

*Properties:*

- excellent vapor barrier properties
- fixed by welding or mechanically
- in the inverted version, an effective underlayer in the system of damp rooff renovation

*Top finishing:*

strips of asphalt adhesive covered with PE foil


| | | |
|---|---|---|
| Roll dimensions | 5 x 1 m | |
| Thickness | 4,0 mm | |
| Reinforcement | glass veil + aluminium | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±200 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |

## Alu 540

### Vapour barrier bitumen membrane

*Use:*

- effective vapor barrier
- damp-roofing of buildings

*Properties:*

- excellent vapor barrier and anti-radon properties
- fixed by welding
- has an aluminum composite reinforcement

*Sprinkle type:*

fine-grained


| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Thickness | 3,5 mm | |
| Reinforcement | glass veil + aluminium | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±200 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |

## Alu 535

### Weldable underlay bitumen membrane

*Use:*

- effective vapor barrier
- moisture proofing of buildings

*Properties:*

- excellent vapor barrier and anti-radon properties
- fixed by welding
- has an aluminum composite reinforcement

*Sprinkle type:*

fine-grained

## Optimax PV

### Roofing membrane highly modified with SBS

*Use:*

- layer of initial covering of pitched roofs covered with full boarding or OSB boards

*Properties:*

- durable flexible and puncture resistant
- mechanically fixed
- lightweight and convenient to transport and installation on sloping roofs

*Top finishing:*

fine-grained

| | | |
|---|---|---|
| Roll dimensions | 20 x 1 m | |
| Weight | 1100 g/m$^2$ | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 450±150 (N/5cm) | 350±150 (N/5cm) |
| Elongation | (40±15) % | (40±15) % |

## Izolvent

### Perforated bitumen membrane for ventilation

*Use:*

- layer providing ventilation when renovating damp roofs
- used under the top layer bitumen membrane

*Properties:*

- effective system of water vapor removal
- loosely laid

*Top finishing:*

PE foil

| | |
|---|---|
| Roll dimensions | 20 x 1 m |
| Thickness | 1,3 mm |
| Reinforcement | glass veil |
| Asphalt type, cold flexibility | oxidised, 0°C |
| Resistance to runoff | ≥70°C |

## Foundation

### Bitumen membrane for foundation insulation

*Use:*

- as horizontal waterproofing of foundations

*Properties:*

- convenient to transport and quick to install
- loosely laid on the foundation
- cut to the size of the foundation
- resistant to being picked up by the wind

*Sprinkle type:*

fine-grained

| | | |
|---|---|---|
| Roll dimensions | 10 x 0,25 / 0,33 / 0,5 m* | |
| Thickness | 2,0 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±200 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |

**depending on the option*


| | | |
|---|---|---|
| Roll dimensions | 5 x 0,5 m | |
| Thickness | 5,3 mm | |
| Reinforcement | polyester | |
| Asphalt type, cold flexibility | mod. SBS, -25°C | |
| | longitudinal | transversal |
| Tensile strenght | 1200±250 (N/5cm) | 900±250 (N/5cm) |
| Elongation | (50±15) % | (50±15) % |
| Fire rate | REI, NRO: $B_{roof}(t_1)$ i $B_{roof}(t_2)$ | |

## PREMIUM PYE PV250 S53H
### for flashing (width 0,5m)
### Weldable top layer highly SBS-modified bitumen membrane for flashing

*Use:*

- top layer in multilayer roof and terrace coverings, on any type of substrate
- in a single-layer system for the renovation of bitumen roofing
- recommended for starter strips, vertical flashings, roof edge flashings, etc.

*Properties:*

- durable and puncture resistant
- approved for use under heavy surface protection
- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding
- for roof flashings

*Sprinkle type:*

coarse-grained; steel


| | | |
|---|---|---|
| Roll dimensions | 10 x 0,5 m | |
| Thickness | 2,5 mm | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 450±150 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (4±2) % | (4±2) % |
| Fire rate | REI, NRO | |

## Stick for flashing (width 0,5m)
### Self-adhesive underlay highly SBS-modified bitumen membrane for flashing

*Use:*

- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of EPS thermal insulation
- moisture insulation for buildings
- effective vapor barrier layer
- recommended for vertical flashing starter strips, roof edge flashings, etc.

*Properties:*

- flexible
- self-adhesive or mechanically fixed
- easy and convenient to install as a roof flashings

*Top finishing:*

foil


| | | |
|---|---|---|
| Roll dimensions | 7,5 x 0,5 m | |
| Thickness | 4,0 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| | longitudinal | transversal |
| Tensile strenght | 700+300-200 (N/5cm) | 500+300-200 (N/5cm) |
| Elongation | (50±20) % | (50±20) % |
| Fire rate | REI, NRO | |

## PJ PYE PV200 S40
### for flashing (width 0,5m)
### Weldable underlay highly SBS-modified bitumen membrane for flashing

*Use:*

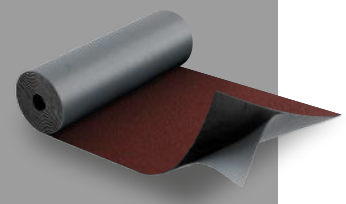
- underlayer in multi-layer roofing, terraces and balconies, on any type of substrate, especially on layers of thermal insulation
- an underlayer on ballasted roofs and under the road surface
- waterproofing of underground parts of buildings
- recommended for starter strips, vertical flashings, roof edge flashings, etc.

*Properties:*

- flexible over a wide temperature range
- approved for use in reduced ambient temperatures
- fixed by welding or mechanically
- easy and convenient to install as a roof flashings

*Sprinkle type:*

fine-grained



## Super Roof Stick

*Self-adhesive bitumen membrane highly modified with SBS*

***Use:***

- as a single-layer covering in new and renovated pitched roofs
- recommended to perform flashings on pitched roofs

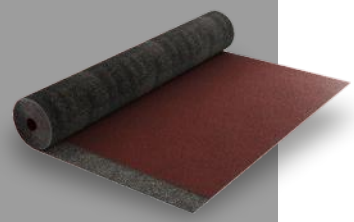
***Properties:***

- durable, flexible and puncture-resistant bitumen membrane
- self-adhesive and mechanically fixed
- lightweight and convenient to transport
- easy to install and perform flashings on pitched roofs

***Sprinkle type:***

coarse-grained; red, graphite

| | | |
|---|---|---|
| Roll dimensions | 5 x 0,5 m | |
| Thickness | 2,6 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| resistance to runoff | (100±10) °C | |
| | longitudinal | transversal |
| Tensile strenght | 600±200 (N/5cm) | 400±200 (N/5cm) |
| Elongation | (45±15) % | (45±15) % |



## Super Roof 20

*Bitumen membrane highly modified with SBS*

***Use:***

- as a single-layer covering in new and renovated pitched roofs

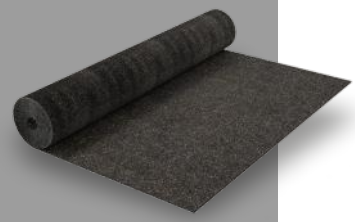
***Properties:***

- durable, flexible and puncture-resistant bitumen membrane
- mechanically fixed
- lightweight and convenient to transport and instal on pitched roofs

***Sprinkle type:***

coarse-grained; red, graphite

| | | |
|---|---|---|
| Roll dimensions | 10 x 1 m | |
| Thickness | 2,6 mm | |
| Reinforcement | polyester reinforced with fiber glass | |
| Asphalt type, cold flexibility | mod. SBS, -20°C | |
| resistance to runoff | (100±10) °C | |
| | longitudinal | transversal |
| Tensile strenght | 600±200 (N/5cm) | 400±200 (N/5cm) |
| Elongation | (45±15) % | (45±15) % |



## P64/1200

*Traditional underlay bitumen membrane with glass veil reinforcement*

***Use:***

- underlayer bitumen membrane in multi-layer sloping and flat roofing on stable substrate
- EPS cover when installing roofing

***Properties:***

- traditional bitumen underlayer membrane reinforced with glass veil
- installed with adhesives and mechanically

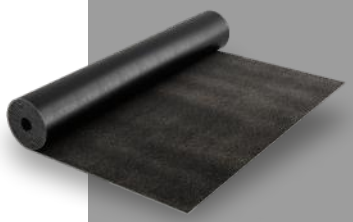
***Sprinkle type:***

fine-grained

| | | |
|---|---|---|
| Roll dimensions | 15 x 1 m | |
| Weight | 2,3 kg/m² | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±200 (N/5cm) | 300±150 (N/5cm) |
| Elongation | (3±1) % | (3±1) % |

## P 100/1200 F

### Traditional underlay bitumen membrane with glass veil reinforcement



| | | |
|---|---|---|
| Roll dimensions | 15 x 1,05 m | |
| Weight | 2,3 kg/m² | |
| Reinforcement | glass veil | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 800±300 (N/5cm) | 500±200 (N/5cm) |
| Elongation | (3±1) % | (3±1) % |

*Use:*

- underlayer bitumen membrane in multi-layer sloping and flat roofing on stable substrate
- as a protective layer of EPS panels

*Properties:*

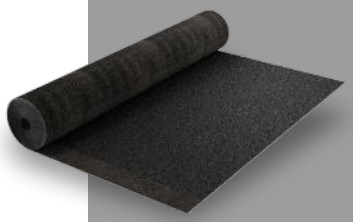
- traditional bitumen underlayer membrane reinforced with glass veil
- assembled with adhesives, mastics and mechanically

*Top finishing:*

foil

## W400

### Traditional top layer bitumen membrane



| | | |
|---|---|---|
| Roll dimensions | 7,5 x 1 m | |
| Weight | 2,0 kg/m² | |
| Reinforcement | cardboard | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| Resistance to runoff | (80±10) °C | |
| | longitudinal | transversal |
| Tensile strenght | 500±300 (N/5cm) | 350±200 (N/5cm) |
| Elongation | (3±2) % | (3±2) % |

*Use:*

- top layer bitumen membrane in multi-layer flat roofing on stable substrates
- top layer in sloping roof

*Properties:*

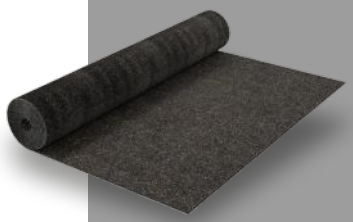
- traditional top layer bitumen membrane with building cardboard reinforcement
- assembled with adhesives and mechanically

*Sprinkle type:*

coarse-grained

## P333–I

### Traditional underlay bitumen membrane



| | | |
|---|---|---|
| Roll dimensions | 15 x 1 m | |
| Weight | 2,0 kg/m² | |
| Reinforcement | cardboard | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±300 (N/5cm) | 400±200 (N/5cm) |
| Elongation | (3±2) % | (3±2) % |

*Use:*

- underlayer bitumen membrane in multi-layer roofing on stable substrates
- moisture insulation of buildings

*Properties:*

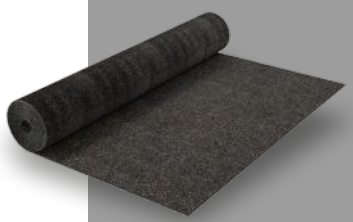
- traditional underlay bitumen membrane with building cardboard reinforcement
- installed with adhesives and mechanically

*Sprinkle type:*

fine-grained

## I333

### Insulating bitumen membrane



| | | |
|---|---|---|
| Roll dimensions | 20 x 1 m | |
| Weight | 0,63 kg/m² | |
| Reinforcement | cardboard | |
| Asphalt type, cold flexibility | oxidised, 0°C | |
| | longitudinal | transversal |
| Tensile strenght | 500±300 (N/5cm) | 400±200 (N/5cm) |
| Elongation | (3±2) % | (3±2) % |

*Use:*

- bitumen membrane for temporary use
- damp proofing of buildings

*Properties:*

- traditional bitumen membrane insulation with building cardboard reinforcement
- mounted with mastics

*Sprinkle type:*

none

# Bitumen Shingles

### Properties
Due to their flexibility, the shingles are used on roofs with irregular shapes. Can also be used on roofs with a significiant angle of inclination.

### Simplicity of installation
The technology of shingle installation is not complicated. The work goes quickly and efficiently. There is no need for fire torch, it is an excellent material for self-assembly.

### Low cost
Price of making the covering is more affordable than in the case of sheet metal or ceramic tiles, while maintaining high aesthetics and durability of insulation.

### Small amount of waste
The shingles are made up of handy, small modules, so that even on roofs with complex shapes there is little waste.

### Silent roof
The asphalt compounds used in the production of the shingles have the ability to dampen sound, so that even during a downpour or hailstorm ther is no rumbling, typical for sheet metal roofing heard indoors.

### Easy transportation
Due to the fact that shingles are much lighter than tiles, carrying on the construction site is more convenient, the work goes faster, and transportation is cheaper.

### Low weight
Bituminous tile roofing is very lightweight, which relieves the load on the roof truss. They are great for repair work and renovations, where weight is of particular importance.

### High appeal
The shingles are available in a variety of colors and shapes, so you can get an original covering with high aesthetic.

17 yr warranty

## 1000mm

| | | |
|---|---|---|
| Reaction to fire | Class E | |
| Thickness | approx. 3 mm | |
| Resistance to run-off | ≤ 2 mm (temp. 90°C) | |
| | longitudinal | transversal |
| Tensile strenght | ≥ 600 (N/5cm) | ≥ 400 (N/5cm) |
| Nail tear resistance | ≥ 100 N | |
| Asphalt content | >1300 g/m² | |
| UV resistance | positive | |
| Absorptiveness | < 2% | |
| Sprinkle adhesion | ≤ 2,5 g | |
| Hazardous substances | does not contain asbestos or coal tar components | |

14 yr warranty

## 800mm

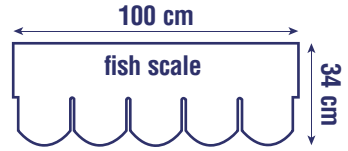
| | | |
|---|---|---|
| Reaction to fire | Class E | |
| Thickness | approx. 2,7 mm | |
| Resistance to run-off | ≤ 2 mm (temp. 90°C) | |
| | longitudinal | transversal |
| Tensile strenght | ≥ 600 (N/5cm) | ≥ 400 (N/5cm) |
| Nail tear resistance | ≥ 100 N | |
| Asphalt content | (959 ± 150) g/m² | |
| UV resistance | positive | |
| Absorptiveness | < 2% | |
| Sprinkle adhesion | ≤ 2,5 g | |
| Hazardous substances | does not contain asbestos or coal tar components | |

### Available colors:

red green brown graphite

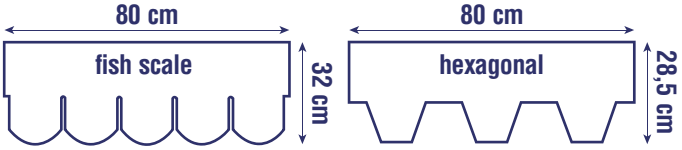
### Available shapes:

#### 1000mm




QTY per package: 3,84 m²

#### 800mm




QTY per package: 3,00 m² QTY per package: 3,00m²

# legend

- small particle technology
- double SBS-modified
- SBS-modified
- reinforced with microfibers
- X yr warranty — warranty length
- water-protective
- resistant to high water pressure
- mechanical resistant
- resistant to aging
- chemically resistant
- frost resistant
- vapor barrier
- UV — protects against UV rays
- resistant to vehicular traffic
- protects against weather conditions
- protects against dirt
- easy and quick to apply
- quick-drying
- very efficient
- very good adhesion
- 5 mm — thick-layer
- odorless
- ECO — solvent-free
- safe for polystyrene foam
- for dry and wet substrates
- high adhesive strength
- excellent adhesive properties
- excellent penetration
- extremely flexible
- permanently flexible
- flexible
- bridges cracks
- resistant to mould and fungi
- to be used even during the rain
- very good coverage
- enhances color
- for use in a wide temperature range
- +/- — high thermal stability
- resistant to the suction force of the wind
- layer thickness
- resistant to negative water pressure
- vapor permeable
- concrete corrosion protection
- strengthens the substrate
- for vertical and horizontal surfaces
- for internal use
- high transverse extensibility
- high elasticity in compression
- high elongation level
- high durability
- economical solution
- blocks root overgrowth
- for damp roofs
- under tiles and terrace boards
- for steep roofs
- self-adhesive
- no fire torch required
- high fire resistance
- anti-radon barrier

# Bitumen Membranes - parameters

## Weldable Top Layer Bitumen Membranes

| | | Roll dimensions [m] | Sprinkle type / colour | Thickness [mm] |
|---|---|---|---|---|
| 1 | PREMIUM PYE PV250 S56H | 5 x 1 | steel | 5,6 (±0,2) |
| 2 | PREMIUM PYE PV250 S53H | 5 x 1 | steel, claret, green, autumn brown | 5,3 (±0,2) |
| 3 | PREMIUM PYE PV 50H | 8 x 1 | steel | 5,0 kg/m² (±5%) |
| 4 | PREMIUM PYE PV200 S40H | 6 x 1 | steel | 4,0 (±0,2) |
| 5 | PREMIUM PYE PV 40-15H | 7,5 x 1 | steel | 4,0 kg/m² (±5%) |
| 6 | PJ PYE PV250 S53H | 5 x 1 | steel | 5,3 (±10%) |
| 7 | PJ PYE PV250 S52H | 6 x 1 | steel | 5,2 (±10%) |
| 8 | MEDIUM PYE PV250 S52H | 6 x 1 | steel | 5,2 (±15%) |
| 9 | STANDARD V60 S42H | 7,5 x 1 | grey | 4,2 (±15%) |

## Weldable Underlay Bitumen Membranes

| | | Roll dimensions [m] | Sprinkle type / colour | Thickness [mm] |
|---|---|---|---|---|
| 1 | PREMIUM PYE PV250 S48 | 5 x 1 | fine-grained | 4,8 (±0,2) |
| 2 | PREMIUM PYE PV200 S40 | 7,5 x 1 | fine-grained | 4,0 (±0,2) |
| 3 | PREMIUM PYE G200 S40 | 5 x 1 | fine-grained | 4,0 (±0,2) |
| 4 | PREMIUM PYE PV200 S30 FF | 10 x 1 | foil | 3,0 (±0,2) |
| 5 | PREMIUM PYE PV180 S40 | 7,5 x 1 | fine-grained | 4,0 (±0,2) |
| 6 | PREMIUM PYE PV160 S30 | 7,5 x 1 | fine-grained | 3,0 (±0,2) |
| 7 | PREMIUM PYE PV 40 | 10 x 1 | fine-grained | 4,0 kg/m² (±5%) |
| 8 | PREMIUM PYE PV 30 | 10 x 1 | fine-grained | 3,0 kg/m² (±5%) |
| 9 | PREMIUM PYE PV 30-15 | 10 x 1 | fine-grained | 3,0 kg/m² (±5%) |
| 10 | PREMIUM PYE V100 S35 | 7,5 x 1 | fine-grained | 3,5 (±0,2) |
| 11 | PJ PYE PV200 S40 FF | 7,5 x 1 | foil | 4,0 (±10%) |
| 12 | PJ PYE PV200 S40 | 7,5 x 1 | fine-grained | 4,0 (±10%) |
| 13 | Ultimax PYE G200 S25 | 10 x 1 | non-woven fabric | 2,5 (±0,2) |
| 14 | MEDIUM PYE PV200 S40 | 7,5 x 1 | fine-grained | 4,0 (±10%) |
| 15 | MEDIUM PYE G200 S40 | 7,5 x 1 | fine-grained | 4,0 (±10%) |
| 16 | STANDARD V60 S35 | 10 x 1 | fine-grained | 3,5 (±0,2) |
| 17 | STANDARD V60 S30 | 10 x 1 | fine-grained | 3,0 (±15%) |

## Special Membranes

| | | Roll dimensions [m] | Sprinkle type / colour | Thickness [mm] |
|---|---|---|---|---|
| 1 | One | 5 x 1 | steel | 5,3 (±0,2) |
| 2 | Green Roof PYE PV250 S50 | 5,5 x 1 | steel | 5,0 (±0,2) |
| 3 | Green Roof PYE PV200 S42 | 5,5 x 1 | steel | 4,2 (±0,2) |
| 4 | Most+ | 7,5 x 1 / 45 x 1 | steel | ≥ 5,0 |
| 5 | Parking+ | 10 x 1 | steel | 5,5 (±0,5) |
| 6 | Protection | 5 x 1 | dark grey | 5,2 (±0,2) |
| 7 | Renovation | 5 x 1 | steel | 5,3 (±0,2) |
| 8 | Renovation Base | 10 x 1 | fine-grained | 3,3 kg/m² (±5%) |
| 9 | Top S42 SP | 5 x 1 | steel | 4,2 (±0,2) |
| 10 | Plan PYE G200 S30 SP | 10 x 1 | foil | 3,0 (±0,2) |
| 11 | Stick | 10 x 1 | foil | 2,5 (±0,2) |
| 12 | Membrane SP | 15 x 1 | HDPE foil | 1,5 (±0,2) |
| 13 | Alu Aquastoper SP | 20 x 1 | fine-grained | 1,5 (±0,2) |
| 14 | Thermostick | 10 x 1 | strips of asphalt glue covered with PE foil | 2,5 (±0,2) |
| 15 | Alu S40 | 5 x 1 | fine-grained | 4,0 (±15%) |
| 16 | Alu S35 | 7,5 x 1 | fine-grained | 3,5 (±0,2) |
| 17 | Optimax PV | 20 x 1 | fine-grained | - |
| 18 | Izolvent | 20 x 1 | foil | 1,3 (±0,2) |
| 19 | Foundation | 20 x 0,25 / 0,33 / 0,50 | fine-grained | 2,0 (±0,2) |
| 20 | PREMIUM PYE PV250 S53H for flashing | 5 x 0,5 | steel | 5,3 (±0,2) |
| 21 | Stick for flashing | 10 x 1 | foil | 2,5 (±0,2) |
| 22 | PJ PYE PV200 S40 for flashing | 7,5 x 1 | fine-grained | 4,0 (±10%) |

## Traditional membranes

| | | Roll dimensions [m] | Sprinkle type / colour | Thickness / grammage |
|---|---|---|---|---|
| 1 | Super Roof Stick | 5 x 0,5 | red, graphite | 2,6 ± 0,3 mm |
| 2 | Super Roof 20 | 10 x 1 | red, graphite | 2,6 ± 0,3 mm |
| 3 | P64/1200 | 15 x 1 | fine-grained | 2,3 kg/m² ± 15% |
| 4 | P100/1200 F | 15 x 1,05 | foil | 2,3 kg/m² ± 15% |
| 5 | W400 | 7,5 x 1 | coarse-grained | 2,0 kg/m² ± 15% |
| 6 | P333-I | 15 x 1 | fine-grained | 2,0 kg/m² ± 15% |
| 7 | I333 | 20 x 1 | none | 0,63 kg/m² ± 15% |

# Bitumen Membranes - parameters

| | Reinforcement | Tensile strenght (N/5cm longitudinal / transversal) | Asphalt type, cold flexibility [°C] | Fire rate | Warranty [years] |
|---|---|---|---|---|---|
| 1 | polyester | 1200/900 | mod. SBS, -25 | REI, NRO | 17 |
| 2 | polyester | 1200/900 | mod. SBS, -25 | REI, NRO | 17 |
| 3 | polyester + glass fiber | 1200/900 | mod. SBS, -25 | REI, NRO | 17 |
| 4 | polyester + glass fiber | 850/600 | mod. SBS, -20 | REI, NRO | 10 |
| 5 | polyester + glass fiber | 600/400 | mod. SBS, -15 | REI, NRO | 8 |
| 6 | polyester | 900/700 | mod. SBS, -20 | REI, NRO | 11 |
| 7 | polyester + glass fiber | 700/500 | mod. SBS, -20 | REI, NRO | 10 |
| 8 | polyester + glass fiber | 700/500 | mod. SBS, -5 | REI, NRO | 8 |
| 9 | glass veil | 550/300 | oxidised, 0 | REI, NRO | 4 |

| | Reinforcement | Tensile strenght (N/5cm longitudinal / transversal) | Asphalt type, cold flexibility [°C] | Fire rate | Warranty [years] |
|---|---|---|---|---|---|
| 1 | polyester | 1200/900 | mod. SBS, -25 | REI, NRO | 16 |
| 2 | polyester + glass fiber | 900/700 | mod. SBS, -25 | REI, NRO | 16 |
| 3 | glass fabric | 1500/2900 | mod. SBS, -20 | REI, NRO | 13 |
| 4 | polyester | 850/600 | mod. SBS, -20 | REI, NRO | 12 |
| 5 | polyester | 850/550 | mod. SBS, -15 | REI, NRO | 10 |
| 6 | polyester | 750/500 | mod. SBS, -15 | REI, NRO | 9 |
| 7 | polyester + glass fiber | 800/600 | mod. SBS, -20 | REI, NRO | 15 |
| 8 | polyester + glass fiber | 800/600 | mod. SBS, -25 | REI, NRO | 15 |
| 9 | polyester + glass fiber | 600/400 | mod. SBS, -15 | REI, NRO | 8 |
| 10 | glass veil | 800/500 | mod. SBS, -15 | REI, NRO | 14 |
| 11 | polyester + glass fiber | 800/600 | mod. SBS, -20 | REI, NRO | 12 |
| 12 | polyester + glass fiber | 700/500 | mod. SBS, -20 | REI, NRO | 9 |
| 13 | glass fabric | 1500/2900 | mod. SBS, -10 | REI, NRO | 11 |
| 14 | polyester | 850/650 | mod. SBS, -5 | REI, NRO | 7 |
| 15 | glass fabric | 1300/2500 | mod. SBS, -5 | REI, NRO | 5 |
| 16 | glass veil | 550/300 | oxidised, 0 | REI, NRO | 3 |
| 17 | glass veil | 550/300 | oxidised, 0 | REI, NRO | 3 |

| | Reinforcement | Tensile strenght (N/5cm longitudinal / transversal) | Asphalt type, cold flexibility [°C] | Fire rate | Warranty [years] |
|---|---|---|---|---|---|
| 1 | polyster + glass fiber mesh | 1200/850 | mod. SBS, -20 | REI, NRO | 15 |
| 2 | polyester | 1100/900 | mod. SBS, -20 | REI, NRO | 25 |
| 3 | polyester + glass fiber | 850/550 | mod. SBS, -20 | REI, NRO | 20 |
| 4 | polyester | 1250/950 | mod. SBS, -20 | REI, NRO | 12 |
| 5 | polyester | 1250/950 | mod. SBS, -20 | REI, NRO | 12 |
| 6 | polyester | 1100/900 | mod. SBS, -25 | REI, NRO | 18 |
| 7 | polyester | 1100/900 | mod. SBS, -20 | REI, NRO | 10 |
| 8 | polyester + glass fiber | 800/600 | mod. SBS, -20 | REI, NRO | 14 |
| 9 | polyester + glass fiber | 1000/750 | mod. SBS, -20 | REI, NRO | 12 |
| 10 | glass fabric | 1500/2900 | mod. SBS, -20 | REI, NRO | 16 |
| 11 | glass veil | 450/300 | mod. SBS, -20 | REI, NRO | 12 |
| 12 | none | 200/200 | mod. SBS, -20 | - | 15 |
| 13 | glass veil + aluminium | 500/300 | mod. SBS, -20 | REI, NRO | 15 |
| 14 | polyester + glass fiber | 600/450 | mod. SBS, -10 | REI, NRO | 9 |
| 15 | glass veil + aluminium | 500/300 | oxidised, 0 | REI, NRO | 8 |
| 16 | glass veil + aluminium | 500/300 | oxidised, 0 | REI, NRO | 7 |
| 17 | polyester | 450/350 | mod. SBS, -25 | - | 3 |
| 18 | glass veil | - | oxidised, 0 | - | - |
| 19 | glass veil | 500/300 | oxidised, 0 | - | lifespan of building |
| 20 | polyester | 1200/900 | mod. SBS, -25 | REI, NRO | 17 |
| 21 | glass veil | 450/300 | mod. SBS, -20 | REI, NRO | 12 |
| 22 | polyester + glass fiber | 700/500 | mod. SBS, -20 | REI, NRO | 9 |

| | Reinforcement | Tensile strenght (N/5cm longitudinal / transversal) | Asphalt type, cold flexibility [°C] | Fire rate | Warranty [years] |
|---|---|---|---|---|---|
| 1 | polyester + glass fiber | 600/400 | mod. SBS, -20 | - | 15 |
| 2 | polyester + glass fiber | 600/400 | mod. SBS, -20 | - | 15 |
| 3 | glass veil | 500/300 | oxidised, 0 | - | 1 |
| 4 | glass veil | 800/500 | oxidised, 0 | - | 1 |
| 5 | cardboard | 500/350 | oxidised, 0 | - | 1 |
| 6 | cardboard | 500/400 | oxidised, 0 | - | 1 |
| 7 | cardboard | 500/400 | oxidised, 0 | - | 1 |

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