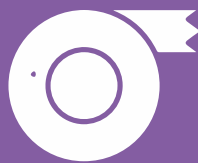




TAPES & BANDS





EBUFIX CHAMFER BAND

THERMOPLASTIC ELASTOMER BASED
WATERPROOFING BAND

H.S:760429900000



DESCRIPTION

EBUFIX CHAMFER BAND is a thermoplastic elastomer-based, elastic, polyester mesh carrier joint insulation band used in corner insulation on structural cold joints and wet floors.

USAGE AREAS

- In wet areas, Structural joints,
- In terraces and parapets,
- In water tanks and pools,
- In roof compositions,
- In treatment plants,
- It is used to insulate cold joints formed in flooring and curtains.

CHARACTERISTICS

- It is elastic, it is resistant to tearing and abrasion.
- It is resistant to many chemicals.
- It is suitable for use with all sliding insulation materials based on bitumen, cement and resin.
- It is resistant to UV and ozone.
- It is resistant to microorganisms.
- It's not poisonous.
- It is used on all horizontal and vertical surfaces.

APPLICATION METHOD

Surface Preparation

- The joint surface to be applied should be free from dust, oil, paint, curing and other substances.
- The surface should be flat and level.

Application

- The first layer of waterproofing material is applied on the cold joint.
- EBUFIX CHAMFER BAND is placed on top of the fresh waterproofing material and buried.
- By pressing with a brush, the mesh parts are covered thoroughly with waterproofing material.
- After the first layer is dried, the application is completed with additional layer insulation material.



PACKAGING AND STORAGE

In 50 meter rolls.

In its original packaging, it has an unlimited shelf life when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost.

SAFETY PRECAUTIONS

During mixing and application, skin and eye contact of the product should be prevented, washed with water in case of contact, and a doctor should be consulted in case of eye contact.

TECHNICAL DATA

Structure	Polyester mesh and Thermoplastic Elastomer (TPE)
Thickness	0,60 mm
Dimension	120x70 mm
Elongation	~ 150%
Resistance to water pressure	2 bar
UV resistance	Full
Service temperature	-40°C / +90°C
Tear strength	1,5 bar

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



EBUFIX BUTYL BAND

GEOTEXTILE COATED BUTYL BANDS

H.S:760429900000



DESCRIPTION

It is a butyl-based, self-adhesive joint insulation band used in corner insulation on structural cold joints and wet floors, the upper part of which is covered with non-woven felt, divided in half

USAGE AREAS

- Many different surfaces such as concrete, ceramic, plastic, glass, metal, wood, bitumen, polycarbonate, gypsum boards,
- In wet areas,
- In indoor tiles, ceramics, plate coatings,
- At ground-wall junctions.

CHARACTERISTICS

- It is self-adhesive, easy to apply.
- It is highly adhesive.
- It is elastic.
- It is 100% waterproof.
- It is suitable for use on many surfaces such as bitumen, cement and ceramics.
- It is suitable for use even at low temperatures.

APPLICATION METHOD

Surface Preparation

- The joint surface to be applied should be free from dust, oil, paint, curing and other substances that will prevent adhesion.
- The surface should be firm, flat and dry.

Application

- The silicone paper layer on the back of the band is peeled off and pressed by a roller or hand to ensure full adhesion to the surface.
- The overlap of the band should be 5 cm..
- Insulation material is applied on it.
- The material must be protected from direct UV rays.

DIMENSIONS

BUTYL BAND	Width (mm)	Thickness (mm)
• BUTYL 50	50	1
• BUTYL 100	100	1
• BUTYL 120	120	1
• BUTYL 150	150	1



PACKAGING AND STORAGE

In its original package, it has a shelf life of at least one year when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost. The material is not affected by frost, but at temperatures above +50°C, it becomes difficult to separate the material from the silicone paper layer.

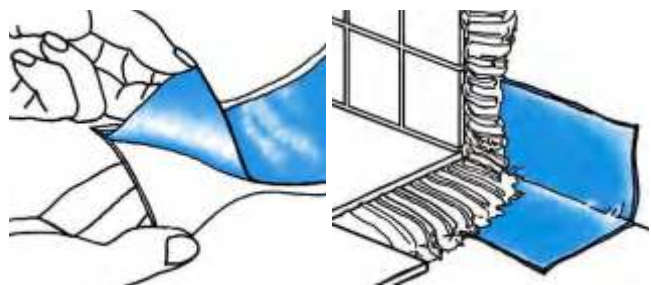
SAFETY PRECAUTIONS

Protective gloves, glasses, clothing should be used during application. Contact of the product with eyes and mouth should be avoided. If swallowed, a doctor should be consulted.

TECHNICAL DATA

Chemical structure	Butyl
Dry matter	100%
Solvent	Free
Application temperature	0°C / +40°C
Service temperature	-30°C / +90°C
Elongation	> 70% (EN 12311-1)
Resistance to water pressure	0.2 bar (EN 1928-B)
Peeling test	≥ 90 N/50mm (ASTM D100)
Vertical yield	0 (ISO 7390)
Tensile strength	>100 N/50mm (EN 12311-1)

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.





EBUFIX INFLATABLE BAND

ACRYLIC-BENTONITE-POLYMER INFLATABLE BAND

H.S:760429900000



DESCRIPTION

Acrylic, Bentonite, Polymer swelling bands are joint bands that swell and provide insulation by expanding the volume hydrophilically when in contact with water.

USAGE AREAS

- It is used in all kinds of construction joints, tunnel segment joints, shaft and collectors, pipe transitions, prefabricated structure joints, cable duct joints.

CHARACTERISTICS

- It is elastic, It is resistant to tearing and abrasion.
- It is resistant to chemicals such as petroleum and oil.
- Resistance to seawater, treatment water, sewage water.
- It does not contain bentonite.
- It is resistant to microorganisms.
- It is used on all horizontal and vertical surfaces.
- It is not affected by freezing and thawing.
- It does not cause corrosion, oxidation.

APPLICATION METHOD

Surface Preparation

- The surface to be applied should be free from dust, cement particles, oil, paint, curing and other substances. The presence of rain or water on the surface during the application causes the band to expand prematurely.
- Therefore, the surface must be dry

Application of Adhesive

- Polyurethane, epoxy, or MS polymer based mastics and adhesives are suitable for bonding acrylic, bentonite, and polymer swelling bands to the surface.
- The adhesive should not be fully dried (tack-free) before starting the application.
- Adhere a tape to the adhesive when it is half wet.
- Nailing can be done on uneven or vertical surfaces if needed.

Application

- Acrylic, bentonite, polymer swelling band are placed on the adhesive and in the middle of the application surface.
- The band end points are joined by direct splicing or by making 5 cm overlapping at the splices.



PACKAGING AND STORAGE

In the original package, in ventilated, dry and protected environments at +5°C / +25°C, shelf life is at least 3 years from the date of manufacture when stored protected from sun, rain and frost.

Inflatable Bands	Roll length	Box
H 20x5	10 m	8 rulo = 80 m
H 20x10	12 m	6 rulo = 72 m
H 20x25	5 m	5 rulo = 25 m

SAFETY PRECAUTIONS

Protective gloves, glasses, clothing should be used during application. Contact of the product with eyes and mouth should be avoided. If swallowed, a doctor should be consulted.

TECHNICAL DATA

Structure	Acrylic - hydrophilic resin, Rubber
Density	1.25 ± 0.02 (ASTM D471)
Color	Black or red
Hardness (Shore A)	~ 40 (ASTM D2240)
Elongation at Break	500-780%
Tensile strength	1.1 - 2.0 N/mm ² (ASTM D412)
Water Pressure Resistance	5 Bars
Service Temperature	-30°C / +80°C

The above values are given at +20°C and for 50% relative humidity. High temperatures shorten the time, low temperatures prolong the time.



EBUFIX TPE-EPDM

THERMOPLASTIC/EPDM ELASTOMER BASED
DILATATION BAND

H.S:760429900000



DESCRIPTION

EBUFIX BAND TPE / EPDM, are dilatation bands used in the closure and insulation of expansion and construction joints.

USAGE AREAS

- It is used in building joints, dilatation joints, tunnel segment joints, cold joints, water tanks, terrace roof compositions, treatment facilities.

CHARACTERISTICS

- It is elastic.
- It is resistant to tearing and abrasion.
- It is chemical resistant.
- It is suitable for use with bitumen.
- It is UV resistant.
- It is resistant to microorganisms.
- It is not poisonous. It can be used in drinking water.
- The edges are perforated for good adhesion.
- It is used on all horizontal and vertical surfaces.

APPLICATION METHOD

Surface Preparation

- The surface to be applied should be free from dust, oil, paint, curing and other substances. the surface should be flat and level.

Filling of Joints

- Joints that will remain under the band should be masticated with appropriate joint fillers. Before starting the application, care should be taken that the mastic has completed its curing.

Application

- Epoxy-based adhesive is applied to the outer surface of the dilatation-expansion joints. Epoxy-based adhesive is also applied to the lower edges of the NOTTEFIX BAND TP/EPDM band.

CONSIDERATIONS

- Adhesive should not be smeared on the flexible middle part of the band. Otherwise, the band will lose its flexibility

PACKAGING AND STORAGE

In 25 meter rolls..

In its original packaging, it has an unlimited shelf life when stored in ventilated, dry and protected environments at +5°C / +25°C, protected from sun, rain and frost.



DIMENSIONS

EBUFIX BAND	Width (mm)	Thickness (mm)
TPE-EPDM	15/1	15/1
TPE-EPDM 15/1,5	15	1,5
TPE-EPDM 20/1	20	1
TPE-EPDM 20/1,5	20	1,5
TPE-EPDM 25/1	25	1
TPE-EPDM 25/1,5	25	1,5
TPE-EPDM 30/1	30	1
TPE-EPDM 30/1,5	30	1,5

TECHNICAL DATA

Structure	Thermoplastic Polyethylene (TPE)
Color	Gray
Hardness	80 Shore A
Elongation	600%
Resistance to water pressure	> 8 bars
UV resistance	Full
Service temperature	-30°C - +90°C
Tensile strength	> 6 N/mm ²
Tear strength	> 600 N/cm

TECHNICAL DATA

Structure	EPDM Dilatation Band
Color	Black
Service Temperature Value	-40/+120°C
Value of Elongation at Break	480%
Tear strength	> 80 N/mm
Resistance to Water Pressure	> 8 bar
Tensile Strength	> 7,5 Mpa
Static Load Resistance	> 15 kg
Waterproofing	> EN1928W1
UV resistance	> EN1844 High
Ozone Resistance	> EN1844 High
Sulfuric Acid Resistance	Good
Alcohol Resistance	Good

The above values are given at +20°C and for 50% relative humidity.
High temperatures shorten the time, low temperatures prolong the time.



TAPES & BANDS

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CONSTRUCTION CHEMICALS



EBUFIX RETAINING BAND

PVC BASED WATER RETAINING BAND

H.S:760429900000



DESCRIPTION

PVC water retaining bands are modified PVC based flexible water retainers produced in special sections that ensure the sealing of construction and expansion joints when concrete is poured.

Depending on their area of use, they are supplied in different sizes and bands.

USAGE AREAS

- Dams,
- Tunnels,
- Ponds,
- Irrigation channels,
- Water tanks,
- Swimming pools,
- Docks,
- Bridges,
- Treatment plants,
- Metro construction,
- Viaducts,
- Retaining walls,
- In foundations and floors.

CHARACTERISTICS

- It can be easily cut and easily welded.
- It can be fixed to the rebar.
- It can be applied in multi-combinational details.
- It keeps water leaks in a certain area.
- Fabrication composite parts can be produced.

TECHNICAL DATA

Chemical Structure	Modified Polyvinyl Chloride
Density	1,27 g/cm ³
Service temperature	-35°C , +55°C
Tensile strength	> 12N / mm ²
Shore A Hardness	86
Elongation of Rupture	> 200%
Water Absorption Rate	No more than 1.5% (by mass)
Ash Ratio	No more than 5.0% (by mass)

The above values are given at +20°C and for 50% relative humidity.
High temperatures shorten the time, low temperatures prolong the time.

