

HYPERFLEX

Sealing elements

Sealing Tape HYPERFLEX NET 120 TPE

Technical datasheet

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TPE elastic rubber tape with excellent sealing properties

Description:

Special joint sealing tape made by TPE (thermoplastic elastomer) and polyester wrap knitted fleece; extension in a cross direction and rigid lengthwise. Thin and additional wrap knitted fleece on the backside allow better bonding.

Applications:

For permanent sealing of various junctions and cracks in common with embeadding materials, underneath ceramic tiles or natural stones, in outdoor or indoor construction parties like, bathrooms, showers, swimming pools, balconies, terraces etc. It's highly resistant on hydrostatic pressure and vapor permeable, tear proof and chemical resistant. Very good behaviour on temperature differences.

Material compositions:

Substrate:	50g PES wrap knit
Sealing zone:	TPE (ageing resistant)
Color:	Grey (other color on request)
Total width:	120 mm
Sealing zone:	70 mm
Thickness:	0,60 mm
Temperature resistance:	-30°C / +90°C
Roll length:	50 m (on request)

Physical Properties DIN values

Breaking load longitudinal:	92 N/20 mm
Breaking load lateral	51 N/20 mm
Tensile strength longitudinal:	6,9 Mpa
Tensile strength lateral:	3,8 Mpa
Extension break longitudinal	80%
Extension break longitudinal	33 %
Power absorption at 25% elast. lateral	148 J/m2



Power absorption at 50% elast. Lateral	414 J/m2
Waterpressure resistant:	>1,5 bar
UV-resistance	500 hours

Chemical properties: storage 7 days in room

Rating scale:
+ resistant; 0 = poor; - without resistance

Hydrochloric acid	+
Sulphuric acid	+
Citric acid 100 g/l	+
Lactic acid 5%	+
Potassium hydroxide 3%	+
Sodium hypochlorite 0,3 g/l	+
Salt water NaCl (20 g/l)	+
KOH 3% 40°C – 28 days	+

Storage:

It has to be storage on a dry and cool place, not to expose to direct sun light. Use the tape within 24 months after receipt.

Handling:

Cut the sealing tape to the required length and press onto the fresh sealing compound, which serves as the adhesive

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base. Ensure that there is a tape overlap of at least 5 cm. Use a smoothing trowel to level out any uneven areas or distortions. Apply two or three coats and ensure that the tape is fully covered with the sealing compound.

Substrate preparation:

This will depend on the nature and form of the substrate and the sealing system to be used. A suitable primer should be first applied.

Consumption:

When calculating consumption, allow for a tape overlap of at least 5 cm.

Cleaning of tools:

Tools and soiled areas should be cleaned immediately after usage with water.

Information on processing:

The tape ensures excellent compatibility and good adhesion with polymer dispersions, flexible mineral sealing compounds and thermosetting resins. However, it is advisable to conduct a compatibility test before applying other products.

Delivered as:

50 m roll
1 roll / carton box
120 cartons / pallet
Other lengths are on request

Safety information and disposal:

This product is not hazardous as defined in the Croatian Hazardous Substances Code.
Can be depot as a building waste.