

HYPERFLEX

Sealing Tape HYPERFLEX BUTYL SA100

Technical datasheet
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Butyl rubber sealing tapes for sealing wet rooms

Description:

Flexible sealing tape for various joints, self adhesive made from Butyl rubber coated. Polypropylene non woven allow excellent bonding capabilities for all grades of cement or solvent based adhesives, sealants or coatings.

Applications:

For permanent sealing of various junctions and cracks in common with embeading materials, underneath ceramic tiles or natural stones, for indoor construction parties like, bathrooms, showers, swimming pools, 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 top:	PP non woven 50g
Substrate bottom:	centrally split white silicon paper
Sealing zone:	IIR butyl
Color:	light grey
Total width:	100 mm
Sealing zone:	100 mm
Thickness total:	0,75 mm
Temperature resistance:	-30°C / +80°C
Roll length:	10 m (other lengths on request)

Physical Properties DIN values

Breaking strength longitudinal:	60 N/15 mm
Breaking strength cross:	95 N/15 mm
Compression 50%:	100 kn/m ²
Adhesion:	> 19 N/cm
Butyl density:	1,50 g/cm ³
Needle penetration (23°C):	80
Water tightness:	appx. 0,2 bar



Vapor permeability: appx. Sd 70 m
Application temperature: >5°C (15°C-25°C recommend)

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 substrate, which serves as the adhesive base. Ensure

that there is a tape overlap of at least 5 cm 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:

10 m roll
1 roll / carton box
320 cartons / pallet
Other lengths and packages 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.