

SIGILFLEX

ELASTOMERIC SEAL



DESCRIPTION

One-component sealant based on hygrosetting aromatic polyurethane resins.

After cross-linking it leads to the formation of an elastic and strong film with excellent chemical resistance to water, oil and hydrocarbons.

It adheres to different supports: concrete, ceramic, steel sheets, wood, synthetic substrates, glass and copper.

It can be painted using suitable products (type LP FINISH).

USE

Sigillatura di giunti di dilatazione su pavimenti industriali.

Riempimento di crepe strutturali.

Incollaggio di manufatti vari a diversi supporti.

Sigillatura impermeabile di giunti e crepe su pavimenti esterni e coperture.

SUPPORT

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1,5 N/mm².

PREPARATION OF THE SUPPORT

Carefully clean the inside of the joint or the surface on which SIGILFLEX is to be applied.

Remove any non-integral parts and remove any residual dust or other harmful substance.

If the substrate is floury, it is necessary to consolidate with FLUIDEPOX.

TECHNICAL SPECIFICATIONS

PRODUCT DATA	
Colour	Grey, black or on request, for batches of 600
Odour	Weak
Specific gravity (at 25 °C)	1.30 +/- 0.05 g/ml
Viscosity (at 25 °C)	Creamy liquid
Dry residue	95 %
Solvent for cleaning tools	UNI Solvent
Storage	6 months, store in a dry place at a temperature between 5 °C and 30 °C

APPLICATION DATA AND TIMING	
Dust free (50% R.H.)	at 5 °C 90-120 min at 25 °C 60 min at 35 °C 25-35 min
Hardening in depth (50% R.H.)	at 25 °C 24 hours for 3 mm thickness
Volumetric shrinkage	Negligible
Environmental conditions of use	Temperatures between +5 °C and +35 °C

TECHNICAL PERFORMANCE DATA	
Bending at break (ISO 8339)	> 250% after 7 days (at 25 °C and 50% R.H.)
Module at break (ISO 8339)	0.60 MPascal
Temperature resistance	-20°C to +80 °C
Hardness (DIN 53505)	40 Shore A

Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.