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FORSA SEAL GP

Acetic Sealant

Description

Non-toxic, solvent-free, low modulus, multipurpose, one component silicone sealant, based on an acetic curing system

Applications

For sealing of construction and building joints. Adheres to many surfaces such as glass, anodized aluminium, ceramic tiles, treated wood. Also suitable in the automotive industry, ship and container building. Not for sanitary applications.

Properties

- elastic after curing
- UV and weather resistance
- good adhesion
- temperature resistance between -50°C and +150°C
- not paintable
- easy to work with

Application instructions

- Surfaces must be dry, free of dust, grease and loose particles.
- If necessary, degrease with MEK, alcohol or ethanol.
- On porous surfaces a primer is recommended
- Apply sealant at temperature between +5°C and +40°C
- It is recommended to carry out preliminary tests in order to determine the suitability of the product for the application.
- Tooling: with soapy solution & scraper before skin formation

Cleaning

Before curing:

Tools: with white spirit or solvent

Surface: with Parasilico Cleaner

After curing:

Remove as much as possible mechanically.

Packing & colours

25 cartridges of 300 ml – 48 boxes per pallet - white

This data sheet replaces all previous versions. The data on this sheet have been drafted according to the last state of the laboratory data. Technical characteristics can be changed or adapted. We are not responsible in case of incompleteness. Before usage, one needs to ensure that the product is suitable for its application. Therefore, tests are necessary. Our general conditions apply.

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Limitations

- Do not use on natural stone, mirrors, polyacrylate and polycarbonate;
- Do not use on metals like lead and copper; it might cause corrosion
- do not use on plastics and alkaline surfaces; we recommend Forsaseal N or the application of a primer
- not suitable for sanitary applications

Shelf life

12 months if kept in original packing and stored in cool and dry conditions between +5°C and +25°C.

Safety

See safety data sheet available on request

Technical data

Uncured sealant:	
- type of sealant	polysiloxanes
- curing system	Curing through humidity
- skin forming time (23°C & 50% R.H)	20 min
- vulcanization rate (23°C & 50% R.H)	2 mm/24h
- density (ISO 1183)	0,98 g/ml
- application temperature	Between +5°C and +40°C
Cured sealant:	
- shore A hardness (ISO 868)	15
- elastic recovery (ISO 7389)	> 90%
- deformation capability	20%
- modulus at 100% elongation (ISO 8340)	0,34 N/mm ²
- temperature resistance	-50°C to +150°C

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