

EVE TECHNICAL DATA SHEET

CHARACTERISTICS

- One component silicone sealant (RTV-I), based on a neutral oxime curing system
- Curing by reaction with humidity
- Has a high resistance to ageing, weather conditions, low and high temperatures
- Excellent adhesion to almost all building materials
- Very easy to apply
- Permanent elasticity

APPLICATIONS

- Perfect solution for connective joints in the building industry and roofing
- Outstanding adhesion on the majority of materials used in the building industry, such as brick, concrete, tiles, aluminium, polystyrene, iron, treated wood and PVC.
- Can also be used for sanitary applications and refrigerated cold stores
- In case of porous supports, a primer must be applied

TECHNICAL CHARACTERISTICS

Uncured Sealant	
Type of sealant	Polysiloxanes
Viscosity	Pasty
Vulcanising system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	15 min
Vulcanisation rate (23°C and 50% R.H.)	2,5 - 3 mm/24h
Density : ISO 1183	1,40 g/ml
Application temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months
Cured Sealant	
Shore A hardness : ISO 868	28
Elastic recovery : ISO 7389	>90%
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8340	0,67 N/mm ²
% Elongation at break : ISO 8339	150%
Temperature resistance	-50°C - +150°C

PACKING AND COLOURS

25 cartridges of 300ml/box - 48 boxes/pallet

Grey, white, transparent, black

METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

Application

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.

Joint dimensions

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	6 mm	± 1 mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
Maximum joint width: 30 mm		

Tooling

When needed with tools.

Cleaning

Before curing: Clean tools with white spirit or solvent. Clean surfaces.

After curing: Remove as much as possible mechanically; the remainders of the silicone with Silicone Remover

Repairing

With the same product.

SAFETY

Safety data sheet available on request.

LIMITATIONS

Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product.

- For special applications, like on natural stone, polyacrylate or polycarbonate please consult our technical service department
- Structural glazing: Please consult our technical service department
- Not suitable for double glazing and gluing mirrors
- Cannot be painted
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits or soap remainings will stimulate the development of fungi.
- A total absence of UV can cause a colour change of the sealant.
- In an acid environment or in a dark room white silicone can slightly turn yellow-under the influence of sunlight it will turn back to its initial colour.

