

## 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.)	T type: 12 min
Vulcanisation rate (23°C and 50% R.H.)	2,5 - 3 mm/24h
Density : ISO 1183	T type: 1,00 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	T type: 12
Elastic recovery : ISO 7389	>90%
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8340	T type: 0,32 N/mm <sup>2</sup>
% Elongation at break : ISO 8339	Ttype: 200%
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.

