

Pacifyre® S

Fire Protection Silicone

Single component silicone (polysiloxane) for fire resistant and smoke tight closing of linear building joints and penetration seals in wall and ceilings according EN 1366-4 and EN 1366-3 – Approved ETA 16/1007, 17/0163.



Properties

- Fire resistant and smoke tight up to EI 240 / 120.
- Tested and approved acc. EN 1366-4 and EN 1366-3.
- High degree of fire retardancy class B1 (Din 4102 part 2).
- Remaining elastic after curing.
- Color-resistant and UV stable.
- Low modulus.
- Excellent adhesion to most of building material.
- Simple, fast and clean handling.
- Not overcoat able.

Testing and approvals

Testing and approved acc. to EN 1366-4: up to EI 240 for building joints ≤20mm. ETA 16/1007.

Testing and approved acc. to EN 1366-3: up to EI 120 for penetration seals joints ≤15mm ETA 17/0163, classification report (with MKII, EFC fire collars).

Application scope

For fire-resistant and smoke-tight closing of linear low movement joints in walls and ceilings according EN 1366-4, and sealing of penetration seals according EN 1366-3. (see ETA documents).

Surface preparation

The surface must be solid, clean and free of dust, oil and grease. If surface is very dry or porous then best use a primer.

To produce optically neat joints we recommend masking off joint hedges with the appropriate tape. We generally recommend using smooth surface tape for smooth substrate, and crepe structured tape for rough substrate surfaces.

Application

Cut off the top of the cartridge cap above the tread, screw on the plastic nozzle and cut at an angle to match the joint strand width required. Load cartridge in the conventional dispensing pistol and inject into the joint free of air bubbles.

Directly after application, smooth off the joint with filling knife. (*plamuurmes*). The joint can be lightly sprayed with water for a smooth finishing. To avoid tearing the skin as it forms, remove masking tape directly after filling the joint/ penetration. Remove smoothing and protect the surface of the sealant from water(rain) until a skin has formed.

Joint size

Minimum width:	5 mm
Maximum width:	30 mm
Joint depth:	width = 2 x depth

See also the different ETA.

Technical information

Material:	Polysiloxane- neutral curing silicone
Consistency:	Thixotropic paste
Specific gravity:	1,17g/mL
Skinning time:	+/- 20 min (20°C and 65% rh)
Fully cured:	+/- 1 mm/24h
Application temperature:	+5°C to +30°C
Service temperature:	-40°C to +140°C
Maximum joint width:	30 mm
Hardness:	16 shore A
Elastic recovery ability (Din 52455):	>90%
Max. deformation:	25%
Modulus of elasticity 100% (Din 53504):	0,20N/mm ²
Elongation at break (Din 53504):	900%

Packaging

12 x 310 ml cartridges per display carton.

Shelf life

Store the product in a cool and dry place. The shelf life is at least 12 months after the production date (see cartridge) if storage in a dry and cool place (between +5 and 20°C).

General instructions

Health guidelines:

- Irritates eyes and skin.
- Sensitization is possible through skin contact.

Safety hints:

- Keep out of reach of children.
- Wear appropriate protective gloves and clothing when applying the product.
- In case of accident seek medical advice immediately (consult MSD file).

Important**Cleaning:**

- Skin: in case of contact with the skin, rinse the coating off immediately with soap and water.
- Textiles: fresh coating can be removed with soap and water. The hardened product can only be removed mechanically.

Instruction for disposal:

- Squeeze out product. Hardened product residue can be disposable of with household waste.
- Only complete empty cartridges are to be disposed of as recoverable materials.

Please note:

The above information can only be of a general nature. Because of the various modes of processing and use being beyond our control and the large variety of materials we recommend that sufficient tests always be carried out. No liability for particular results of application based on the information and instructions given in this leaflet can therefore be given. Warranty applies exclusively to the consistently high quality of our products in connection with our sales conditions.