Technical data sheet

PARAFLEX 25

CHARACTERISTICS

- Joint sealant
- Permanent elasticity
- Very easy to apply
- High resistance to high and low temperatures
- Does not cause staining on natural stone
- Excellent adhesion to almost all building materials
- Can be applied to dry and slightly damp surfaces
- Can be repainted. Preliminary tests may be recommended
- High resistance to ageing and weather conditions
- Solvent, isocyanate and phthalate free

APPLICATIONS

- Indoor and outdoor use.

TECHNICAL CHARACTERISTICS	
Type of product	Modified silane polymers
Density (g/ml)	1.5
Consistency	Pasta
Application temperature	+5°C - +40°C
Temperature resistance	-40°C - +90°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	3
Skin forming time at 23°C and 50% R.H. (min.)	30
Shore A hardness: ISO 868	25
Maximum permissible deformation: ISO 11600	20%
Modulus at 100% elongation: ISO 8339 (N/mm²)	0.5
% Elongation at break: ISO 8339	180
Shelf life of unopened product	12 months
Storage conditions	Store in a dry, cool place at +5°C to +25°C. Keep out of direct sunlight.

PACKING AND COLOURS

25 x cartridge 290ML/box - 1200 pieces/pallet
Grey, White, Black, RAL7016 Anthracite grey

METHOD OF USE

Preparation

- The surface must be solid, strong enough and clean, dust and fat-free.
- If needed degrease the materials to be glued with Parasilico Cleaner, MEK, fire alcohol, ethanol.
- Use in well-ventilated rooms. Good ventilation is important during application and curing of the product.

DL CHEMICALS Since 1936 Manufacturer of Sealants

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- The user needs to make sure that the product is suitable for the application. Consult our technical service if necessary.
- Remove any water, water film or raindrops. The best adhesion is obtained on a dry surface.

Primers

- On highly absorbent surfaces we recommend to use the Hybrid & PU Primer (transparent or black, drying time about 15 min.).

Application

- Apply the product from the cartridge or foil packaging with a manual or pneumatic caulking gun.
- The size and shape of the joint is very important. Avoid thin joints.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.
- In the case of floor joints (with high mechanical load), the sealant must be applied deepened. apply the sealant at an angle sloping from the floor surface to the adhesive surface (rim sides). The sealant should only adhere to the sides of the joint.
- With deep floor joints, it is advisable to use a strong foam strip as back-up material.
- The depth of a expansion joint should be approx. 2/3 of the joint width. Shallow joints (on the bottom) provided with a self-adhesive tape or mousse tape to prevent three-sided adhesion. Filling too deep joints with mousse tape.

Joint dimensions

- Suitable joint widths from 5 mm to 50 mm
- Joints with a width up to 10 mm: joint depth should equal joint width. Joints wider than 10 mm: joint depth = (joint width/3) + 6 mm
- The required width of an expansion joint depends on the temperature development, material properties and the dimensions of the building elements.

Tooling

- If desired, smooth surface before skin formation with the Perfect Joint Tooling Agent and/or the Perfect Joint Tool.

Cleaning

- Tools, surfaces and uncured residues can be removed with Parasilico Cleaner, Multi-Purpose Super Cleaner or Cleaning Wipes. Remainder of silicone can be removed with Silicone Remover after curing
- After curing remove mechanically.

Paintable

- Paintable after curing with most water and solvent based paints. Curing time depends on the joint dimensions.
- Given the wide variety of paint types available, it is recommended that you test the compatibility of the sealant/adhesive with the paint in advance.
- Alkyd paints might require an extended drying time.

SAFETY

Consult the safety information on the packaging and the safety data sheet for more information.

POINTS OF ATTENTION

- Not suitable for use on butiminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Not suitable for use on polyacrylate and polycarbonate

- Colours can yellow slightly in the absence of UV light or through contact with smoke or detergents.
- Not suitable for sanitary applications (not mould resistant)
- Not suitable for glazing joints.
- Not suitable for contact with edge sealing of insulating glazing. Avoid direct contact.
- Not suitable for contact with PVB films of laminated glass. Avoid direct contact.

TECHNICAL APPROVALS

- UKCA & CE according to EN 15651-1: F EXT-INT 20 LM
- French VOC emission class A+
- SNJF: Façade 12,5 E (Société National du Joint Français)