PARAFLEX 25

CHARACTERISTICS

- Permanently elastic sealant
- Can absorb movements up to 25%
- Very easy to apply and to disperse
- Excellent adhesion to almost all building materials
- Adheres to slightly moist surfaces
- Can be used on natural stone
- Solvent, isocyanate and phthalate free
- Good resistance to weather conditions and low and high temperatures
- Can be painted over with most water and solvent based paints

APPLICATIONS

- Can be used indoors and outdoors.
- Suitable for horizontal and vertical connection joints as well as expansion joints in facades and walls.
- Has an excellent adhesion to most materials in the building construction and industry, such as wood, concrete, metals, anodized aluminium, natural and artificial stone.
- A primer is recommended on absorbent surfaces.

TECHNICAL CHARACTERISTICS	
Uncured sealant	
Type of sealant	Silyl modified polymers
Viscosity	Pasty
Curing system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	30 min.
Curing rate (23°C and 50% R.H.)	3 mm after 24h
Density : ISO 1183	1,52 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Cured sealant	
Shore A hardness : ISO 868	25
Deformation capability : ISO 11600	20%
Modulus at 100% elongation : ISO 8339	0,50 N/mm²
% Elongation at break : ISO 8339	180%
Temperature resistance	-40°C - +90°C

PACKING AND COLOURS
25 cartridges of 290 ml/box - 48 boxes/pallet
White, RAL 7004 grey, black, RAL 7016 anthracite grey

METHOD OF USE

Preparation

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with **Parasilico Cleaner,** 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.

Primer

Hybrid & PU Primer	Transparent	Drying time (approx.) 20 min.

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Application

- Use in well-ventilated rooms. Good ventilation is important during application and vulcanisation of the product.
- Provide shallow joints (on the floor) with a self-adhesive tape or **foam strip** to prevent triple-sided bonding. The adhesive depth of the movable joint should amount to approx. 2/3 of the joint width. Joints that are too deep should be filled with a suitable **foam strip**.
- With deep floor joints, it is advisable to use a strong **foam strip** as back-up material. With floor joints subject to high mechanical load the sealant should be applied deep. It is better to apply the sealant at an angle sloping from the floor surface to the adhesive surface (rim sides). The sealant should only bond at the sides of the joint.

Joint dimensions

The necessary width of a dilation joint depends on the temperature fluctuation, properties of the material and the dimensions of the construction elements. Apply at least a joint width of 6 mm.

Joint width	Joint depth	Allowed difference
6 mm	6 mm	± 1 mm
8 mm	8 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
35 mm	20 mm	± 3 mm
50 mm	30 mm	± 3 mm

Tooling

If desired, smooth surface before skin formation with the tooling agent **Perfect Joint Tooling Agent** and a scraper **Perfect Joint Tool**.

Cleaning

Any adhesive that may protrude along the edges can be removed using a stopping knife. Residue that has not yet dried, can be removed using **Parasilico Cleaner.** Cured sealant must be removed mechanically.

Painting

Paintable with most water and solvent based paints. Pre-testing is recommended. Alkyd paints might require an extended drying time.

SAFETY

Refer to the packaging or safety data sheet for additional information.

POINTS OF ATTENTION

- Permanent exposure to high relative humidity may cause fungal growth.
- Not suitable for joints with a width or depth < 5 mm.
- No adhesion on PE, PP, PA, PTFE (Teflon®) and bituminous substrates.
- On polycarbonate and polyacrylate: use **Parasilico PL**.
- Do not use as a glazing sealant.
- Not compatible with the edge seals of insulating glazing and the PVB films of safety glass. Avoid direct contact.

TECHNICAL APPROVALS

CE

SNJF (Société National du Joint Français): FACADE n° 4645. Mastic type élastomère classe 12,5E

* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

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