



## CHARACTERISTICS

- Permanently elastic joint and adhesive sealant
- Can absorb movements up to 25%
- Very easy to apply
- Excellent adhesion to almost all building materials
- Adheres to slightly moist surfaces
- May be used on natural stone
- Can absorb movements up to 25%
- 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 of up to 50 mm wide.
- Suitable for gluing roof tiles, skirting boards, stair steps, thresholds...
- Suitable for sealing and bonding in construction, industry and automobile industry.
- Has an excellent adhesion to most materials 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
Curing system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	25 min.
Curing rate (23°C and 50% R.H.)	2,5 - 3 mm after 24h
Density: ISO 1183	1,50 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	40
Deformation capability : ISO 11600	25%
Modulus at 100% elongation : ISO 8339	0,85 N/mm <sup>2</sup>
% Elongation at break : ISO 8339	250%
Temperature resistance	-40°C - +90°C

## PACKING AND COLOURS

25 cartridges of 290 ml/box - 48 boxes/pallet

White, RAL 7004 grey, black

20 foil packagings of 600 ml/box - 45 boxes/pallet

White

## 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.

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## 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.
- As adhesive: Apply **Paraflex 40** with the supplied nozzle in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows. Apply the strips parallel to each other, to allow the humidity to reach the adhesive between the strips. Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). The parts can at this stage still be adjusted. Finally, push down one over the other well or tap with a rubber hammer. It is advised to have a gap of 3.2 mm between the parts to be bonded (spacer blocks or pieces of foam tape may be used), to allow the adhesive to smooth out any distortions (especially important in exterior use or under humid conditions).
- As sealant: Provide shallow joints (on the floor) with a self-adhesive tape or foam tape 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 suitable filler foam (PE or PU-filler foam).

## 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. Adhesive residue that has not yet dried, can be removed using **Parasilico Cleaner**. Cured adhesive must be removed mechanically.

## Painting

Paintable with most water and solvent based paints. Pre-testing is necessary. 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):

Mastic type élastomère classe 25E - FACADE n° 4646: blanc, gris, noir



\* 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).



CE
20 DL Chemicals
EN 15651-1 F EXT - INT No. DoP: MP0070049

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