



CHARACTERISTICS

- Hybrid polymer based sealant
- Low elasticity modulus
- Very easy to pump and to apply
- Bonds also with slightly moist supports
- Permanently elastic
- Paintable with most water and solvent based paints
- Solvent, isocyanate and phthalate free
- Excellent resistance to U.V., weathering and to aging

APPLICATIONS

- For interior and exterior use.
- Sealing of horizontal (and vertical) connection joints.
- All jointing where elasticity is important.
- Sealing of applications where the sealant requires a lower strength than the substrate, such as autoclaved aerated concrete (eg. Ytong stones).
- Sealing of prefab concrete elements and bricks.
- Sound proofing between concrete and drain pipes.
- Bonds without primer on almost all materials used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, copper, concrete, brick, HPL panels, treated wood, gypsum, various synthetic materials, glass (not for glazing joints), etc.
- Can also be used on absorbent surfaces such as concrete and brick. A primer is recommended for optimal adhesion.

TECHNICAL CHARACTERISTICS	
Basic ingredient	Hybrid polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.V.)	35 min.
Curing rate (23°C and 50% R.V.)	2,5 - 3 mm after 24 h
Density: ISO 1183	1,528 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Shore A hardness: ISO 868	29
Joint movement capacity: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	0,44 N/mm ²
Elongation at break: ISO 8339	> 250%
Modulus at break: ISO 8339	0,60 N/mm ²
Elastic recovery: ISO 7389	> 70%
Shearing force: DIN 53283	1,44 N/mm ²
Solvent and isocyanate content	0%
Solid matter	Ca. 100%
Temperature resistance	-40°C - +90°C
Very good moisture resistance and not sensitive to frost	

PACKING AND COLOURS (Other colours are available on request and per full batch.)

12 cartridges of 290 ml/box - 100 boxes/pallet

white

METHOD OF USE

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for his application. Therefore, tests are necessary. Our general conditions apply.

Preparation

The support must be fixed and rigid enough. The support may be slightly damp. The materials to be joined must be clean and free from dust and grease. If necessary, degrease using **Parasilico Cleaner**, MEK, alcohol, or ethanol. It is advisable to do bonding tests. It is the user's responsibility to check whether the product is suitable for his application. Our technical department can be consulted.

Primers

For strongly absorbent supports it is recommended to use **Hybrid & PU Primer**.

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.
- Do not expose to thermal, mechanical or chemical influences before complete curing.

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 **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**. Dried adhesive must be removed mechanically.

Painting

Paintable with most water and solvent based paints. After 48 hours, the surface must be cleaned first before it can be painted. Pre-testing is necessary. Alkyd paints might require an extended drying time.

LIMITATIONS

- 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. For bituminous surfaces: use **Paraphalt**.
- Not suitable on polycarbonate and polyacrylate: use **Parasilico PL** for this purpose.
- Not suitable for permanent immersion.
- Do not use as a glazing sealant.
- Direct contact with the butyl sealing in insulating glass or PVB film in security glass has to be avoided.

TECHNICAL APPROVALS

SNJF (Société National du Joint Français):

FACADE n° 4451

Mastic type élastomère classe F 12,5 E

CE



14 DL Chemicals	* 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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