



CHARACTERISTICS

- Hybrid polymer based sealant
- Low elasticity modulus
- Very easy to pump and to apply, also at lower temperatures
- Bonds also with slightly moist supports
- Suitable for natural stone (no staining)
- Permanently elastic
- Paintable with most water and solvent based paints
- Solvent, isocyanate and phthalate free
- Excellent resistance to U.V., weathering and to ageing

APPLICATIONS

- Extremely suitable for the sealing of horizontal and vertical expansion joints and connection joints in facades and walls.
- Sealing of perimeter joints around windows and doors.
- 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.
- For interior and exterior use.
- Suitable for almost all materials used in construction and industry such as concrete, brick, natural stone, aluminum, steel, glaze, treated wood, zinc, PVC ...
- Pre-treatment with primer is recommended on porous substrates.

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.)	30 min.
Vulcanisation 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	30
Joint movement capacity: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	0,46 N/mm ²
Elongation at break: ISO 8339	> 200%
Modulus at break: ISO 8339	0,65 N/mm ²
Elastic recovery: ISO 7389	> 70%
Shearing force: DIN 53283	1,444 N/mm ²
Solvent and isocyanate content	0%
Dry matter content	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)

20 sausages of 600 ml/box - 45 boxes/pallet

RAL 7004 grey, facade grey, panel grey, facade white, white, black

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.

METHOD OF USE

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 **DL 2001 Primer**.

Application

Provide shallow joints (on the bottom) 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**. Use in well-ventilated rooms. Good ventilation is important during application and vulcanisation of the product.

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: Smooth surface before skin formation with the tooling agent **DL 100** and a scraper.

Cleaning

Sealant residue that has not yet dried, can be removed using **Parasilico Cleaner**, **Super Eco Cleaner**, **Paracleanex** or **Paracleanex Eco Wipes**. Dried sealant must be removed mechanically.

Painting

Paintable with most water and solvent based paints. Cured sealant must be clean, dust and grease free before it can be painted over. Preliminary compatibility testing is recommended. Alkyd paints might require an extended drying time.

SAFETY Please consult the safety data sheet online: www.dl-chem.com.

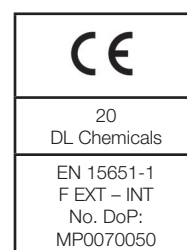
LIMITATIONS

- Do not expose to thermal, mechanical or chemical influences before complete curing.
- Permanent exposure to high relative humidity may cause fungal growth.
- Not suitable for joints with a width or depth < 5 mm.
- Not suitable on PE, PP, PA, PTFE (Teflon®), EPDM, rubber and bituminous surfaces.
- 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

CE

Complies with ISO 11600 F 20 LM



* 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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