



## CHARACTERISTICS

- MS polymer based elastic sealant
- Fire retardant
- Permanently elastic
- Paintable
- Completely weather resistant
- Good chemical resistance: to water, aliphatic solvents, oils, greases, diluted inorganic acids and alkalis

## APPLICATIONS

- Indoor and outdoor application.
- Sealing of joints in plumbing.
- Expansion joints in building construction, connection joints on metals, various plastics, concrete, etc.
- Suitable where the joints have to be painted or where silicone sealant is not required.
- Adheres to many substrates (porous and non-porous) such as varnished wood, metals and various plastics without an adhesion primer.

## TECHNICAL CHARACTERISTICS

Basic ingredient	MS polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.H.)	90 min.
Curing trough (23°C and 50% R.H.)	2,5 - 3 mm after 24 h
Density (23°C and 50% R.H.)	1,47 g/cm <sup>3</sup>
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	26
Elongation at break : ISO 37	ca. 300%
Modulus elongation at 100% : ISO 37	ca. 0,7 N/mm <sup>2</sup>
Modulus at break : ISO 37	ca. 1,5 N/mm <sup>2</sup>
Elastic recovery: DIN EN ISO 7389	> 60%
Movement capability	20%
Temperature resistance	-40°C - +90°C

## PACKING AND COLOUR

12 sausages of 600 ml/box - 50 boxes/pallet

Grey

## METHOD OF USE

### Preparation

The substrate must be stable, clean, dust free-, oil- and fat-free. Good results can be achieved with rubbing alcohol.

### Primers

On many clean substrates a good adherence can be achieved without adhesion primer. However, it should always be tested. If the cured product is exposed to big fluctuations in temperature or has contact with water and in case of absorbent or difficult substrates, we always recommend the application of our primer **DL 2001**.

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.

## Application

- Good ventilation is important during application and vulcanisation of the product.
- The right joint dimensions and a pre-treatment of the adherence area are necessary for an excellent sealing. See DIN specification 18540 F and SIA specification 274 for the dimensioning of joints in building construction.

## Tooling

If desired, smooth surface before skin formation with the tooling agent **DL 100** and a scraper.

## 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

Because of the diversity of varnishes and paints on the market, a preliminary test is recommended. Using paints based on alkyd resins the drying process may be hold up. If **Parabond FR** is applied to painted or plastered substrates, a sufficient drying time of the paint or plaster must be kept (in general 10 days). After cleaning with acetone, joints can be varnished at any time.

## FIRE RESISTANCE

- Fire resistance tested in linear joints according to European standard EN 1366-4.
- Fire resistance class rated according to EN 13501-2 until EI120. Always consult the conditions stated in the fire resistance classification report (available on request).

## SAFETY

Please consult the safety data sheet online: [www.dl-chem.com](http://www.dl-chem.com).

## LIMITATIONS

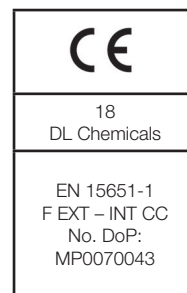
- Do not expose to thermal, mechanical or chemical influences before complete curing.
- Permanent exposure to high relative humidity may cause fungal growth.
- Not suitable for joints with a width or depth < 5 mm.
- No adhesion on PE, PP, PA, PTFE (Teflon®) and bituminous substrates.
- On bituminous surfaces: use **Paraphalt** for this purpose.
- On polycarbonate and polyacrylate: use **Parasilico PL** for this purpose.
- Do not use on natural stone (staining). We recommend **Parasilico NS** on natural stone.
- Not suitable for the use on cover strips of copper.
- Not resistant: to concentrated acids and chlorinated hydrocarbons.
- Do not use as a glazing sealant.

## TECHNICAL APPROVALS

EC1+ 6420/05.12.06

DBI Test report conform EN 1366-4: 2006 +A1: 2010 Part 4

CE



\* 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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