



CHARACTERISTICS

- MS hybrid polymer based elastic sealant
- Fire retardant up to 3 hours
- Paintable
- Permanently elastic
- Completely weather-resistant
- Good chemical resistance: to water, aliphatic solvents, oils, greases, diluted inorganic acids and alkalis

APPLICATIONS

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

TECHNICAL CHARACTERISTICS	
Basic ingredient	MS hybrid 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/24 h
Density (23°C and 50% R.H.)	1,47 g/cm ³
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 ²
Modulus at break : ISO 37	ca. 1,5 N/mm ²
Elastic recovery: DIN EN ISO 7389	> 60%
Movement capability	20%
Temperature resistance	-40°C - +90°C

PACKING AND COLOURS
12 sausages of 600 ml/box - 50 boxes/pallet
Grey

Other colours are available on request

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

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difficult substrates, we always recommend the application of a primer.

Application

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

We recommend tooling the joints with **DL100** and eventually using **help-tools for joints**.

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, we recommend a preliminary test. 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 / plaster must be kept (in general 10 days). After cleaning with acetone, joints can be varnished at any time

SAFETY

Please refer to safety data sheet which is available on request.

LIMITATIONS

- Not suitable for the use on cover strips of copper.
- Not suitable for the sealing of natural stones. In this case, we recommend **Parasilico NS**.
- Not resistant: to concentrated acids and chlorinated hydrocarbons

TECHNICAL APPROVALS

EC1+ 6420/05.12.06

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



* 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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