

CHARACTERISTICS

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



APPLICATIONS

- 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, glass, various synthetic materials, etc.
- For interior and exterior use
- Sealing of horizontal (and vertical) movable and connecting joints.
- Sealing of autoclaved aerated concrete
- All jointing where flexibility is important.
- Sound proofing between concrete and drain pipes

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.V.)	35 min
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm/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	0,39 N/mm ²
Elongation at break : ISO 8339	> 250%
Modulus at break : ISO 8339	0,600 N/mm ²
Elastic recovery : ISO 7389	> 70%
Shearing force: DIN 53283	1,444 N/mm ²
Solvent & 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
20 sausages of 600 ml/box - 45 boxes/pallet - On demand and per full pallet
White, grey Ral 7004

Other colours are available on request.

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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.

Primers

For strongly absorbent supports it is recommended to use **DL 2001 Primer**. 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 could be consulted. With double glazing, it is advisable to apply **black DL 2001 primer**. This prevents the contact surface between the glass and sealant from being exposed to UV-radiation.

Application

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). With deep floor joints, it is advisable to use a strong PU-filler foam as back-up material. With floor joints, that are subjected 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.

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

Tooling

If desired, smooth finishing can be done using **DL 100** or **rubber stripper**.

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 require an extended drying time.

SAFETY



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

LIMITATIONS

- Joints that are exposed to constant submersion under water and rooms with permanent high relative humidity
- Joints with a width or depth < 5 mm
- Gluing PE, PP, PA and Teflon®.
- On bituminous surfaces : use our **Paraphalt** for this purpose
- On polycarbonate and polyacrylate: Use our **Parasilico PL** for this purpose
- Proper ventilation during processing and during the hardening is important.

TECHNICAL APPROVALS

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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