

CHARACTERISTICS

- MS-polymer based adhesive sealant
- Crystal clear transparency
- Extremely strong when completely cured
- Bonds also with slightly moist supports
- Does not cause any corrosion in metal joints
- Suitable for use with natural stone
- Solvent and isocyanate free
- Paintable with most water and solvent based paints
- Permanently elastic

APPLICATIONS

- Bonds without primer on almost all materials used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, copper, natural stone, concrete, brick, HPL panels, treated wood, gypsum, glass, various synthetic materials, etc.
- Extremely useful for joining and sealing different coloured backgrounds.
- Suitable for use as an universal glue and adhesive for sealing seams, connecting and movable joints.
- Fixing handles to glass doors, all joining work where transparency is necessary, gluing work in bathrooms, kitchens, etc.

TECHNICAL CHARACTERISTICS	
Basic ingredient	MS polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.V.)	12 min
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm/24 h
Density : ISO 1183	1,06 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	35
Joint movement capacity : ISO 11600	12,5%
Modulus at 100% elongation : ISO 8339	0,70 N/mm ²
Elongation at break : ISO 8339	150%
Modulus at break : ISO 8339	0,80 N/mm ²
Solvent & isocyanate content	0%
Dry matter content	ca. 100%
Temperature resistance	-40°C - +90°C
Extremely good moisture resistance and not sensitive to frost	

PACKING AND COLOURS
25 cartridges of 290 ml/box - 48 boxes/pallet
Transparent

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 MEK, alcohol, or ethanol.

Application

- Apply **Sticks-Z Crystal Clear** with the supplied nozzle in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows. Apply the strips parallel to each other, to allow the humidity to reach the adhesive between the strips.
- Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). The parts can at this stage still be adjusted
- Finally, push down one over the other well or tap with a rubber hammer.

Tooling

If desired, smooth finishing can be done using

Cleaning

Any adhesive that may protrude along the edges can be removed using a stopping knife. 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®.
- Proper ventilation during processing and during the hardening is important.

TECHNICAL APPROVALS


14 DL Chemicals
EN 15651-1 F INT No. DoP: MP0070007



* 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).

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.