



### CHARACTERISTICS

- Hybrid polymer based adhesive sealant
- Specially formulated for all metal alloys within the sanitary world
- Sealing and joining
- Very high initial bonding
- Extremely strong and rapid increase of internal strength
- Bonds also with slightly moist supports
- Does not cause any corrosion in metal joints
- Suitable for use with natural stone and for rooms with high humidity
- Paintable with most water and solvent based paints
- Solvent, isocyanate and phthalate free
- Permanently elastic
- U.V. and weather-resistant

### APPLICATIONS

- For interior and exterior use.
- Vertical or horizontal joining of roofing gutters, underlying corrugated iron, expansion pieces, ridge tiles, cover ledges, tap ends and partitions, bonding and sealing of air conditioners, sticking conduit to the wall, pane laths and roofing strips, lower layer of panes...
- Bonds without primer on almost all metals used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, patinated zinc, copper and copper-oxide, patinated copper, lead and lead slabs on almost all materials occurring in the building industry.

### 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.)	17 min.
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm after 24 h
Density: ISO 1183	1,56 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	60
Joint movement capacity: ISO 11600	20%
Modulus at 100% elongation: ISO 8339	1,60 N/mm <sup>2</sup>
Elongation at break: ISO 8339	110%
Modulus at break: ISO 8339	1,7 N/mm <sup>2</sup>
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**

Grey (Ral 7004)

Other colours are available on request (75 cartridges or multiples).

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 could be consulted.

### Primers

For strongly absorbent supports it is recommended to use **DL 2001 Primer**.

### Application

- Apply **Parabond Zinc** 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.
- It is advised to have a gap of 3.2 mm between the parts to be bonded spacer blocks or pieces of foam tape may be used), to allow the adhesive to smooth out any distortions (especially important in exterior use or under humid conditions).
- The internal strength of **Parabond Zinc** immediately after application is such that bonding is possible without clamping or temporary support.

### 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. To achieve a proper result, the varnish must be applied within 4 hours. After 4 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 online at [www.dl-chem.com](http://www.dl-chem.com).

## LIMITATIONS

- 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.
- Not suitable for permanent immersion.

## TECHNICAL APPROVALS



\* 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.