

Adheseal

Parabond Construction

Elastic sealant for facades

DESCRIPTION

PARABOND Construction is a one component, neutral vulcanising, ready-to-use elastic adhesive, based on Hybrid MS-polymer. **PARABOND Construction** vulcanises by reaction of the humidity in the circumambient air.

PARABOND Construction has a high resistance to ageing, weathering, high and low temperatures (- 40°C to +90°C).

PARABOND Construction combines a number of properties. **PARABOND Construction** is repaintable and can be used as a facade elastic sealant and on natural stone.

PARABOND Construction has a min. loss of weight and volume after vulcanisation. The internal tensions inside the joints are therefore limited to a minimum which ensure a longer life span of the joint.

APPLICATION

PARABOND Construction has a good adhesive strength without primer on most common materials in the building industry such as glass, aluminum, glazed tiles, polyester, ABS, polystyrene, steel, treated wood, natural stone... Highly suited for sealing on slightly humid surfaces without bubble forming.

PARABOND Construction can also be applicable for alkaline surfaces such as concrete, brick and asbestos concrete. A primer is recommended.

JOINT DIMENSIONS

| Joint width | Joint depth | Allowed difference |
|-------------|-------------|--------------------|
| 3-4 mm | 4-5 mm | ± 1 mm |
| 6 mm | 6 mm | ± 1 mm |
| 8 mm | 6 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 |

APPLICATION TEMP.

+ 5°C - + 40°C

PREPARATION

All surfaces should be clean, dry. If necessary, degrease with **Top Cleaner**, M.E.K., alcohol, ethanol or use primer. It is recommended that adhesion tests be carried out to determine the suitability of the product for its application.

(Consult our technical service)

PAINTABLE

PARABOND Construction is perfectly paintable with most water based and solvent based paints, even wet-on-wet.

Alkyd paints require an extended drying time.

It is recommended to do tests in advance.

TOOLING

When needed, with **DL 100** or tools.

CLEANING

before vulcanisation :

a) tools : with white spirit or other solvent

b) surfaces : with a solvent

after vulcanisation :

Remove as much as possible mechanically; the remainders of the silicone with **Silicone Remover**.

REPAIRING

With the same product.

COLOURS

White, grey, brown, beige. Other colours on demand.

RESTRICTIONS

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete vulcanisation.

PARABOND Construction is not suitable for joints exposed to constant water immersion.

SHELF LIFE

Min. 12 months if kept in original hermetically closed packing.

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PACKING

25 cartridges of 290 ml/box
20 sausages of 600 ml/box

METHOD OF USE

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.

PRECAUTIONS

Avoid any contact with skin and eyes. If swallowed, consult a physician. Contains a mixture of amino silanes. May produce an allergic reaction. Keep away from children. Consult our safety data sheet.

Guarantee / Warranty:

We warrant our products to be free of defects and manufactured to rigid quality control specifications. As it is impossible to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for repainting or other labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.

PROPERTIES

Unvulcanised rubber

| | |
|--|---|
| Type of sealant | Hybrid MS-polymer |
| Vulcanising system | Vulcanising through moisture in the air |
| Skin forming time (23°C and 50% R.H.) | 30 minutes |
| Vulcanisation rate (23°C and 50% R.V.) | 2 mm/24 uur |
| Density (ISO 1183) | 1,48 g/ml |

Vulcanised rubber

| | |
|---|-------------------------|
| Shore A hardness (ISO 868) | 23 |
| Loss of volume after vulcanisation | < 2,5% |
| Elastic recovery (ISO 7389) | > 65% |
| Max. deformation | 25 % |
| Modulus at 100 % elongation (ISO 8339-40) | 0,470 N/mm ² |
| % elongation at break (ISO 8339-40) | 0,630 N/mm ² |
| Modulus at break (ISO 8339-40) | 250 % |
| Temperature resistance | -40°C - + 90°C |

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