

## MULTI-PURPOSE HYBRID ADHESIVE FOR CONSTRUCTIONS

### Advantages

- √ Superior adhesion to various surfaces
- √ **Hybrid technology** – adhesive based on hybrid polymers
- √ Very low emission – Emission EC1 PLUS
- √ Solvent free
- √ Product tested and monitored in accordance with the applicable DIN and EN standards
- √ Durable and flexible connections
- √ Excellent ageing resistance
- √ Good weather resistance
- √ Optimum UV stability
- √ Short drying time
- √ Not foaming
- √ Low shrinkage



### Technical Data

Properties	Performance
Processing temperature	5°C to 30°C / 41°F to 86°F
Operation temperature range	-40 °C to 100 °C / -40°F to 212°F
Tensile shear strength (DIN EN 1465 at +20 °C)	approx. 3.1 N/mm <sup>2</sup>
Density (EN 542 at +20 °C)	approx. 1.54 g/cm <sup>3</sup>
Breaking elongation ( DIN 53504)	approx. 350 %
Viscosity (plate-plate (2 s <sup>-1</sup> ) at +25 °C)	approx. 600 000 mPa.s
Drying time at +20 °C, 50 % r. H.	12 min*
Base Material	1-C-humidity-cross-linking silane terminated polymer, solvent free
Colour	White

\*Drying time will vary relative to climatic conditions, the humidity of the air, the base material to which it is applied and thickness of the adhesive film.

*"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to. Visit [partel.com](http://partel.com) for the most up to date information"*



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## Fields of Application

Extremely versatile, Partel Verbond is ideal for indoor and outdoor applications, used for bonding and sealing in the construction sector.

- √ Suitable for plaster, wood, stone, gypsum, PS foam, ceramics, rubber, PUR-foam, HPL, aluminium and tri laminate foil.
- √ Cracks and gaps filling.

## Application Process

1. The surface must be clean, dry, free from dust and grease. Apply the adhesive on one side of the surface to be bonded.
2. If non porous materials are bonded (material humidity < 8%), water must be “sprayed very finely” onto the adhesive to achieve complete curing.
3. The workpieces must be fit together and pressed within the drying time. After they have been fit together, both parts must be fixed and pressed until functional strength has been reached.
4. With increased air humidity or after the adhesive has been sprayed with water, the drying time will be shorter.

## Storage

Storage stability in unopened original packaging: 12 months. Store in a dry place at temperatures of +15 °C to +25 °C with no direct sun radiation. While transported within the usual transport times, the product may not be exposed to temperatures of -30 °C to +35 °C.

## General Information

*Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 7.3%.*

Safety data sheet available on request.

Packaging: 310 ml (10.48 fl oz) / 470 g (16.6 oz) PE-Euro cartridge.

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