

STAIRNOSING AND PROFILE ADHESIVE

PRODUCT DESCRIPTION:

OLIBOND P-820 is a very high strength, high viscosity, one-part elastic adhesive for indoor and outdoor applications based on new Hybrid Technology.

OLIBOND P-820 has been specially designed for fast and non-rigid structural bonding in construction, metal industry, auto, marine, etc., with excellent adhesion to most substrates including brick, concrete, ceramics, marble, wood, melamine, aluminium and metals, and most plastics.

Completely neutral and odourless curing, **OLIBOND P-820** has minimal health and safety considerations because does not contain solvents, silicones or isocyanates.

MAIN BENEFITS:

- Extremely high initial grab.
- Fast curing. Nearly no shrinkage.
- High final strength. Elastic bonding.
- Excellent adhesion to a wide range of supports.
- Very good UV-, weather and ageing resistance.
- Silicone, isocyanates and solvent free.
- Non-corrosive.
- Impact and vibration absorbing.
- For both interior and exterior applications.
- Can be applied to damp surfaces.
- Permits painting. (test previously)

APPLICATION CONDITIONS:

Elastic bonding in many different construction applications and all heavy duty bonding application in the building and metal industry.

Structural bonding in vibrating constructions. (Vehicle body, containers, metal-to-metal, ...)

Panel bonding for caravans, motor homes, commercial vehicles,...

Mounting of panels, profiles, metal parts, etc.

Many bonding applications in the marine industry.

DIRECTIONS FOR USE:

The substrates must be permanently clean, dry, and free of old adhesive residues, dust, grease and other contaminants.

Loose or damaged surfaces must be repaired before the application of the adhesive. Painted surfaces must be well cured and free of loose paint.

To obtain maximum adhesion, surfaces should be free from irregularities and cracks, to provide adequate contact. However, a preliminary adhesion test is recommended on every surface.

After substrate preparation apply in strips or little spots on the bonding surface at intervals of a few centimetres.

Place immediately the surfaces together in the required position and press firmly.

If necessary, use adhesive tape, wedges, or props to hold the assembled element for the initial hours of curing. An incorrectly positioned element can be easily unfastened and repositioned in the first few minutes after application. (Apply pressure again.)

Optimum bonding will be obtained after complete curing, i.e. after 24 to 48 hours at +23°C for a thickness between 2 to 3 mm.

Uncured product may be easily removed with alcohol. Cured sealant must be removed mechanically.

REMARKS:

- Do not use **OLIBOND TURBO TACK** as a glazing sealant, on bituminous substrates or on building materials which might bleed oils, plasticizers or solvents. (e.g. rubber, chloroprene, EPDM, ...).
- There is no adhesion to PE, PP, PTFE (Teflon®). Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.

TYPICAL TECHNICAL DATA:

Raw material basis:	Hybrid polymers
Consistency:	Non-slump paste
Specific gravity:	approx. 1.55 g/ml
Skin forming time:	5 – 10 minutes (at 23°C; 50% R.H.)
Curing rate:	2-3 mm/24 hr.
Resistance to flow (ISO 7390):	approx. 0 mm
Consumption:	approx. 50 ml/ linear meter (nozzle diameter: 8mm)
Application temperature:	Between 5°C to 40 °C
<u>Properties of the cured product:</u>	(After one week at 23°C and 50% R.H.)
Service temperature:	-40°C to +90°C
Shore A hardness (ISO 868):	65
Max. tensile (ISO 37):	2,50 MPa.
Elongation at break (ISO 37):	> 250 %

These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. The time until complete curing may be extended at lower temperature, lower humidity or increasing film thickness.

COLOURS AND PACKAGING INFORMATION:

This product is available in 290 ml cartridges. Other packaging is available under request.

Colours: White. Other colours are available on special order.

STORAGE AND SAFETY:

The shelf life is 12 months in the original unopened original packaging, in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.

Avoid skin and eye contact. For further safety information see the corresponding Safety Data Sheet.

Recommendations for use are defined through commonly used standards, intended as a guideline. Due to the great variety of materials and conditions, which are beyond our knowledge and control, we recommend to ensure that the product is suitable for its application, carrying out sufficient previous trials. The application and use of our products is beyond our control, for which are of the exclusive responsibility of the user. If any responsibility were to be considered ours, this would be only for any damages and for the value of the merchandise supplied by us and used by the customer. It is over understood that we warrant the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.