TECHNICAL DATA SHEET ASSEMBLE

MADE IN FRANCE

ORABOND BLANC 125

Flexible adhesive high resistance



ADVANTAGES

- High flexibility.
- Suitable for indoor and outdoor use.
- Safe for incidental food contact (ISEGA certification)

MOSH/MOAH FREE

ISEGA

DEFINITION

Odorless, single-component elastic sealant and adhesive based on next-generation hybrid polymers, formulated for bonding and sealing on all materials with high resistance to pull-off, tensile, and shear forces. (Outperforms silicones and polyurethanes.) It offers exceptional adhesion to all materials: wood, particleboard, cork, plaster, concrete, glass, metals, PVC, tile, polyester, polystyrene, stainless steel, aluminum*…even when fully submerged in water**. Orabond is highly resistant to oils, greases, aliphatic solvents, alcohols, diluted acids and bases, and moisture. It is a pH-neutral product that is UV- and weather-resistant. It can be painted over, even with water-based paints. It is also compatible with and suitable for use with powder coatings baked at 210°C for 10 minutes. Contains no solvents. Cost-effective: it can be applied as a bead or a thin layer (one cartridge = 11 m of 5×5 mm seal).

DIRECTION FOR USE

Ready to use–Apply with a hand-held or pneumatic caulking gun at temperatures between +5 and 30°C.

1. Apply the adhesive in a bead 1 to 10 mm wide when using it as a sealant on clean, dry surfaces.
2. Apply the adhesive in a thin layer for bonding on clean, dry surfaces.
3. Allow to air dry for a minimum of 90 seconds and a maximum of 120 seconds before assembling, as the curing reaction is triggered by moisture in the ambient air.
4. Leave the assemblies clamped until they have set sufficiently to allow for handling.
5. Double-sided tape may also be used as a temporary hold until the adhesive has fully cured.

*Caution: This product cannot be used on PE, PA, PP, or PTFE.
**Not suitable for permanent immersion.

Version 14.0 29/10/2026

ORAPI ® cannot be aware of all the applications in which its products are used or the conditions under which they are used. ORAPI ® assumes no liability regarding: the suitability of its products for a given use or for a specific purpose, or the methods of application over which it has no control. The information contained in this technical data sheet is in no way a substitute for the preliminary tests that must be conducted to verify the product's suitability for each intended application. The user of the product described in this technical data sheet remains solely responsible for taking all necessary measures to protect people and property from any risks that may result from the application and/or use of this product. Consequently, ORAPI® disclaims all implied or express warranties, including warranties of merchantability or fitness for a particular purpose, arising from the sale or use of its products. ORAPI® specifically disclaims any liability for incidental or consequential damages of any kind, including financial losses resulting from business operations.

TECHNICAL DATA SHEET ASSEMBLE

MADE IN FRANCE

ORABOND BLANC 125

Flexible adhesive high resistance

CHARACTERISTICS

Appearance:	Thixotropic paste
Color:	White
Operating temperature:	-40 to +150°C peak under a load of 140 N/cm²
Hardness:	45 to 60 Shore A
Film formation:	10 minutes
Elongation at break:	500%
Tensile strength at 100% elongation:	Greater than 140 N/cm² (DIN 52455.5.2)
Yield strength:	140 N/cm²

Comparative shear test according to NF EN 1465 / ISO 4587:

- •ORABOND 125: 450 N/cm²
- INDUSTRIAL SILICONE: 150 N/cm²
- CONSTRUCTION-GRADE SILICONE: 75 N/cm²
- Circular bead / use as a sealant:

Curing rate: 2 mm/24 hours.

- This rate varies with ambient humidity.
- Adhesion/Final bond strength: Immediate/24 hours.

Structural bonding of flat surfaces:

- Curing rate: 1 to 2 mm from the edge of the bond / 24 hours.
- This rate varies depending on ambient humidity.
- Adhesion/Final strength: Immediate / 24 hours to 1 week, depending on the surface area of the adhesive bead.

Compatible with:

- Acetic acid, 10% acetone, aniline, benzene,
- 20% hydrochloric acid, 10% potassium hydroxide, ethanol,
- Gasoline, xylene, 70% sulfuric acid,
- 50% sodium hydroxide.

APPLICATION

Maintenance and construction for both exterior and interior building applications: suspended ceilings, installation of soundproofing panels, tile installation, baseboard installation, glass wool installation, etc. Roofing, installation of roof tiles and zinc sheeting. - Decorations, signage panels, etc.
Metal-to-metal bonding, aluminum-to-aluminum, ABS, PMMA, etc. - Automotive: sealing, bodywork repairs, plastic repairs, etc. - Bonding applications in the food industry. - Sealing.

PACKAGING

Cartridge 290ml	ref.1125C6

Version 14.0 29/10/2026

ORAPI ® cannot be aware of all the applications in which its products are used or the conditions under which they are used. ORAPI ® assumes no liability regarding: the suitability of its products for a given use or for a specific purpose, or the methods of application over which it has no control. The information contained in this technical data sheet is in no way a substitute for the preliminary tests that must be conducted to verify the product's suitability for each intended application. The user of the product described in this technical data sheet remains solely responsible for taking all necessary measures to protect people and property from any risks that may result from the application and/or use of this product. Consequently, ORAPI® disclaims all implied or express warranties, including warranties of merchantability or fitness for a particular purpose, arising from the sale or use of its products. ORAPI® specifically disclaims any liability for incidental or consequential damages of any kind, including financial losses resulting from business operations.