# TECHNICAL DATA SHEET
## ASSEMBLE

# ORABOND NOIR 126
Flexible adhesive high resistance

MADE IN FRANCE




## ADVANTAGES

- 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.
- High flexibility; resistant to vibrations.
- Suitable for both indoor and outdoor use; UV- and weather-resistant

MOSH/MOAH FREE

ISEGA

## DEFINITION

Sealant—an odorless, single-component, elastic 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) Orabond Black is highly resistant to oils, greases, aliphatic solvents, alcohols, diluted acids and bases, and moisture. It can even be painted over with water-based paints. This product is compatible with and can be used with powder coatings baked at 210°C for 10 minutes. In addition, it is suitable for incidental food contact (ISEGA certification). Contains no solvents. Black Orabond is economical: 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. Use with a trigger or pump, at temperatures between +5 and 30°C.

- To use as sealing putty, apply a line of glue, approximately 1 to 10mm thick, on clean and dry surfaces.
- To glue, apply the adhesive in a thin layer on a clean and dry surface.

Let sit for a minimum of 90 seconds to a maximum of 120 seconds before assembling so that humidity in the surrounding air can trigger vulcanisation.
Place the assembled parts in a vice until a sufficient bond is created for handling assemblies.
Double-sided tape may also be used to temporarily brace assembled parts until glue has set.

## CHARACTERISTICS

| | |
|---|---|
| Aspect : | Thixotropic putty |
| Colour : | Black |
| pH : | neutral |
| Operating temperature : | - 40°C min to +100°C max, under load of 140N/cm² |
| Hardness : | 45 to 60 Shore A |
| Initial setting : | 10 minutes |

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Elongation at break : 500%
Elasticity maximum load : 140 N/cm2
Tension at 100% elongation (DIN 52455.5.2) : More than 140 N/cm²

## APPLICATION

Use in building construction and maintenance, exterior and interior, e.g., ceiling suspension, bonding sound dampening panels, tiles, skirting boards, fibreglass, etc.
Roofing, bonding tiles and zinc.
Decorations, sign panels, and more.
Bonding metal to metal, aluminium to aluminium, ABS, PMMA, and more.
Automobile: sealing, repairing car bodies, plastics…

## PACKAGING

Cartridge 290ml ref.1126C6

## ADDITIONAL INFORMATION

**Comparative shear test according to NF EN1465 / ISO 4587 :**
ORABOND 125: 450 N/cm2
INDUSTRIAL SILICONE: 150 N/cm2
SILICONE BUILDING type: 75 N/cm2

**Circular ribbon / use as putty :**
Polymérisation speed : 2 mm/ 24 hours.
This rate varies with humidity levels present in the ambient air.
Bond / Firm bond : Immediate / 24 hours

**Structural bonding of flat surfaces :**
Rate of polymerisation : 1 to 2 mm from the edge of bonded surfaces / 24 hours
This rate varies with humidity levels present in the ambient air.
Bond / Firm bond : Immediate / from 24 hours to 1 week depending on the gluing surface.

**Compatible with :**
Acetic acid, 10% acetone, aniline, benzene,
20% hydrochloric acid, 10% potassium, ethanol,
Gasoline, xylene, 70% sulphuric acid,
50% sodium hydroxide
Other products: contact us.

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