# TECHNICAL DATA SHEET ASSEMBLE

## ORABOND 2K 128

Sealant – completely clear adhesive

MADE IN FRANCE




## ADVANTAGES

- 10 times more tensile strength than silicones.
- High flexibility; vibration-resistant.
- Suitable for both indoor and outdoor use.

## DEFINITION

A one-component, odorless, and completely translucent elastic sealant and adhesive based on next-generation hybrid polymers, formulated for bonding and sealing all materials: wood, particleboard, cork, plaster, concrete, glass, metal, PVC, tile, polyester, polystyrene, stainless steel, aluminum, PE, PP, PA6.6…even when fully submerged in water. Highly resistant to oils, greases, aliphatic solvents, alcohols, diluted acids and bases, and moisture. Orabond offers high resistance (outperforming silicones, twice as resistant as MS adhesives, and three times more resistant to stretching than PU adhesives) to tear, tensile, and shear forces. Can be painted, even with water-based paints. Contains no solvents: VOC = 0%. Cost-effective: it can be applied as a bead or a thin layer (one cartridge = 11 m of 5x5 mm sealant).

## DIRECTION FOR USE

Ready to use.
Apply using a hand-held or pneumatic caulking gun at temperatures between +5 and 30°C.
Apply the adhesive in a thin layer to clean, dry surfaces.
Allow to air dry for a few seconds before joining the parts, as the curing reaction is triggered by moisture in the ambient air. Pre-curing cleaner: ORASOLV A.

## CHARACTERISTICS

| | |
|---|---|
| Appearance: | Thixotropic paste |
| Color: | Clear |
| Operating temperature: | -40 to +100°C (peak under a load of 140 N/cm²) |
| Hardness: | 30 to 40 Shore A |
| Skin formation: | 10 minutes |
| Curing rate: | 2 mm/24 hours |
| Adhesion: | Immediate |
| Full cure: | 24 to 48 hours |
| Elongation at break: | 450% |
| Yield strength: | 120 N/cm² |

Tensile strength at 100% elongation (DIN 52455.5.2): > 115 N/cm²

*Version 14.0 29/10/2026*

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## APPLICATION

Bonding of transparent materials.
Maintenance and construction for both exterior and interior building applications: suspended ceilings, bonding of soundproofing panels, tiles, baseboards, glass wool, etc.
Decorations, signage, point-of-sale displays, marketing, photography, art, etc.
Soundproofing
Repair and bonding of gondola windows at ski resorts.
Food industry: cutting boards, protective glass panels…
Automotive: sealing, bodywork repairs, plastic repairs…

## PACKAGING

Cartridge 290ml ref.1128C6

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