TECHNICAL DATA SHEET ASSEMBLE

ORABOND 2K 129

Flexible sealant and adhesive
Quick-setting

MADE IN FRANCE



ADVANTAGES

- Quick installation: ready for use in less than 4 hours.
- Suitable for indoor and outdoor use.
- UV- and weather-resistant.

DEFINITION

Sealant—a fast-setting, odorless, two-component elastic adhesive based on next-generation hybrid polymers, formulated for bonding and sealing on all materials with high resistance (outperforming silicones and polyurethanes) to pull-off, tensile, and shear forces... Orabond 2K 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. It is also highly resistant to oils, greases, aliphatic solvents, alcohols, diluted acids and bases, and moisture. Orabond 2K offers high flexibility and is resistant to vibrations. It can be painted over, even with water-based paints. It contains no solvents.
Cost-effective: it can be applied as a bead or a thin layer (one cartridge = approximately 10 m of 5×5 mm bead).

DIRECTION FOR USE

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

1. Attach the mixing nozzle to the end of the cartridge; the adhesive will dispense like a single-component product.
2. Apply the adhesive to clean, dry surfaces.
3. Apply the adhesive in a bead 1 to 10 mm wide when using it as a sealant on clean, dry surfaces.
4. Assemble the parts quickly (within 90 seconds) and hold them together for 10 to 15 minutes.
5. The bond will then be strong enough to handle the bonded parts.
6. If you no longer have a mixing nozzle, you can mix the two components by hand.

Cleaning product before curing: CLEANER 3141.

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CHARACTERISTICS

Appearance:	Thixotropic paste
Color:	Light gray
pH:	Neutral
Operating temperature:	-40 to +90°C
Hardness:	43 Shore A
Pot life after mixing:	Approximately 10 min
Initial set:	Approximately 5–10 min
Full cure:	Between 30 min and 4 h, depending on material and weight
Elongation at break:	400%
Tensile strength at 100% elongation (DIN 53504 S2):	> 1.7 N/mm²

Circular bead / use as sealant:
Curing rate: 10 mm / 4 h
(This rate varies with ambient air humidity.)
Adhesion / Permanent bond: Immediate / 4 hours

Structural bonding of flat surfaces:
Curing rate: 1 to 2 mm / 60 seconds
(From the edge of the bond). This rate varies with ambient humidity.
Adhesion / Permanent bond: Immediate / 4 hours

APPLICATION

Maintenance and construction for both exterior and interior building work: suspended ceilings, installation of soundproofing panels, tile work, baseboards, glass wool...

- Roofing, bonding tiles and zinc.
- Decorations, signage panels...
- Metal-to-metal bonding, aluminum-to-aluminum, ABS, PMMA...
- Flexible and fast bonding for all materials, including PE and PP.

Automotive: sealing, bodywork repairs, plastic repairs...

PACKAGING

Cartridge 290ml	ref.1129C6
Extra cannula	ref.700093

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