

TECHNICAL DATA SHEET

TDS 128 / Index 02 - 03/06/2013



ORABOND CRISTAL 100% TRANSPARENT PUTTY GLUE

CONTAINS NO SILICONE

DEFINITION

Flexible, single-component, putty glue that is 100% transparent, formulated for bonding and sealing on all materials. This new generation hybrid polymer glue is odourless and possesses high tensile and shear strength and demonstrates stronger resistance to wrenching than silicones, modified silicones and polyurethane.

ADVANTAGES

Complete transparency of bonded materials - 4 times more transparent than colourless silicones. Provides exceptional bond on all materials, such as: wood, composite, cork, plaster, concrete, glass, metal, PVC, tiles, polyester, polystyrene, stainless steel, aluminium, polyethylene, polypropylene, polyamide 66 (nylon), and more, even when completely immersed in water. Possesses 10 times greater tensile strength than silicones. Demonstrates 2 times greater tensile strength than modified silicones. Resists oils, greases, aliphatic solvents, alcohols, diluted acids and bases, and humidity. Possesses considerable flexibility; resists vibrations. Presents 3 times more tensile strength than polyurethanes. For indoor or outdoor use; resists UV rays and the elements. Can be painted over, even with water-based paints. Contains no solvents; VOC = 0%. Economical: Apply a thin line or layer (one cartridge can glue up to 11m of 5x5mm joints).

APPLICATION FIELDS

Bonding transparent materials.

Use in building construction and maintenance, outdoor and indoor: ceiling suspension, bonding sound dampening panels, tiles, skirting boards, fiberglass, etc.

Bonding decorations, signage, POS materials; use in marketing, photography, art projects, etc.

Use in soundproofing.

Repairing and bonding cable car windows at ski resorts.

Food industry: cutting boards, sneeze guards, etc.

Automobile: sealing, repairing car bodies, plastics, etc.

1/2 Manufacturing site and registered office

Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE Tél. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 - www.orapi-maintenance.com

ORAPI © cannot be expected to know all applications in which its products are used or their conditions of use. ORAPI © shall not be held responsible: for the suitability of its products for a given use or specific purpose, for the methods of application over which it has no control. The information contained in this technical data sheet can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each intended application. The user of the product described in this technical data sheet is solely responsible for all measures required to protect people and property from hazards that may arise from the implementation and/or use of this product. Therefore, ORAPI © renounces any implicit or explicit guarantees, including guarantees relating to marketability or suitability of a certain purpose, resulting from the sale or use of its products. In particular, ORAPI © renounces any claims for incidental or consequential damages whatsoever, including financial operating losses."



TDS 128 / Index 02 - 03/06/2013

TECHNICAL CHARACTERISTICS

Hardness Initial setting Rate of polymerisation Bond Firm bond Elongation at break	 Crystal -40°C min to 100°C max, under load of 140N/cm² 45 to 60 Shore A 10 minutes 2 mm / 24 hours immediate 24 to 48 hours 450%
Tension at 100% elongation (DIN 52455.5.2) Elasticity maximum load	

INSTRUCTIONS FOR USE

Ready to use.

Use with a trigger or pump, at temperatures between +5 and 30°C. To glue, apply the adhesive in a thin layer on a clean and dry surface. Let sit for a few seconds before assembling so that humidity in the surrounding air triggers vulcanisation. Cleaning product to be used before polymerisation: ORASOLV A.

PACKAGING

290 ml cartridge

Ref. 1128 C6

x 12

2/2 Manufacturing site and registered office Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres - 01150 Saint-Vulbas - FRANCE

Tél. +33 (0)4 74 40 20 25 - Fax +33 (0)4 74 40 20 26 - www.orapi-maintenance.com

ORAPI © cannot be expected to know all applications in which its products are used or their conditions of use. ORAPI © shall not be held responsible: for the suitability of its products for a given use or specific purpose, for the methods of application over which it has no control. The information contained in this technical data sheet can on no account be a substitute for the preliminary tests which are essential and which must be carried out in order to check the suitability of the product to each intended application. The user of the product described in this technical data sheet is solely responsible for all measures required to protect people and property from hazards that may arise from the implementation and/or use of this product. Therefore, ORAPI © renounces any implicit or explicit guarantees, including guarantees relating to marketability or suitability of a certain purpose, resulting from the sale or use of its products. In particular, ORAPI © renounces any claims for incidental or consequential damages whatsoever, including financial operating losses."