

Resybrid Cristal

High modulus hybrid polymer-based adhesive. Single component, transparent, hybrid adhesive sealant, suitable for most materials and substrates.



Rating 3

1. Clear transparent
2. Quick curing
3. High adhesion to the most common construction materials
4. elastic
5. Perfect sealing
6. Excellent resistance to UV rays, ageing and difficult weather conditions
7. Does not contain silicone and isocyanates
8. Excellent adherence even on damp substrates

- × Regional Mineral $\geq 30\%$
- ✓ VOC Very Low Emission
- × Solvent ≤ 5 g/kg
- ✓ Low Ecological Impact
- ✓ Health Care

Areas of application

→ Specific for bonding and sealing, for internal and external applications. Fixing of multiple elements in building construction: skirting boards, beading, insulating and decorative panels, etc...

Excellent adhesion to metal substrates (aluminium, galvanized steel, copper) and to other building materials (concrete, wood, bricks, glass, PVC...).

Instructions for use

- Substrate preparation
Substrates must be solid, even, free from oil, dust and debonding agents.
- Application
When bonding, create either individual contact spots or straight rims.
For bonding, create spots or vertical strips spaced 10 to 20 cm apart. Properly position the product and press strongly so that the adhesive will be 2 to 3 mm thick.
The fitter must check in advance to ensure the

sealant is compatible with the support, for the purpose of adhesion, chemical compatibility and any formation of stains.
If necessary, use adhesive tape for a better finish. Smooth using soap and water. Press the sealant firmly into the joints. When waterproofing, apply in the seam or spots.

TEST

Test report CE	Type F EXT-INT	EN 15651-1
Test report CE	Type S	EN 15651-3

Certifications et labels



* Émission dans l'air intérieur Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

Technical Data compliant with Kerakoll Quality Standard

Colour	Clear transparent
Skinning time	≈ 15'
Working temperature	-30 °C / +80 °C
Application temperature	+5 °C / +40 °C
Shelf life	≈ 12 months from the date of manufacture, in its original, unopened, packaging

Packaging:

- 290 ml cartridge	12 per box / 104 boxes per pallet
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Values taken at +23 °C, 50% R.H. and no ventilation. Data may vary depending on specific conditions at the building site, i.e. temperature, ventilation and absorbency level of the substrate and of the materials laid.

Performance

VOC Indoor Air Quality (IAQ) - Volatile organic compound emissions

Conformity	EC 1 plus GEV-Emicode	GEV certified 9298/11.01.02
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HIGH-TECH

Shore A Hardness	30 – 40	ISO 868
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Modulus of elongation at 100%	≈ 0,75 Mpa	ISO 8339
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Elongation at break	> 100%	ISO 8339
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Elastic resistance	> 70%	ISO 7389
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Chemical resistance (information purposes only): to water, cleaning agents, accidental spillage of oils and hydrocarbons, acids, diluted alkalis. Due to polyurethane's sensitivity to UV light, pale colours may change over time. This change is merely aesthetic and has no influence on the mechanical properties of the cured products.

Coverage table

Linear metres of joints with seam sealable with one 290 ml cartridge of Resybrid Cristal

Seam diameter	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm
	41	23	14,8	10,3	7,6	5,8	4,6	3,7

The trick! In order to have a good adhesion, the seam must be pressed between the two substrates. For small diameters apply a little pressure with the gun, otherwise the sealant will leak out from the back.

Number of points made (bonding by points)

With a 290 ml cartridge: between 190 and 290 points depending on their diameter

The trick! Press together the two supports in order for the points to reach a thickness of 3 mm. Do not press too much and risk not to have enough adhesive for a light bond as well as tolerate the expansion of the materials.

Warning

- Product for professional use
- store in a well ventilated room at a maximum temperature of +30 °c
- see the safety data sheet

- for any other issues, contact the Kerakoll
Worldwide Global Service +33 (0) 4 72 89 06 80
- globalservice@kerakoll.com

The Rating classifications refer to the GreenBuilding Rating Manual 2013. This information was last updated in June 2024 (ref. GBR Data Report - 06.24); please note that additions and/or amendments may be made over time by KERAKOLL SpA; for the latest version, see www.kerakoll.com. KERAKOLL SpA shall therefore be liable for the validity, accuracy and updating of information provided only when taken directly from its institutional website. The technical data sheet given here is based on our technical and practical knowledge. As it is not possible for us to directly check the conditions in your building site and the execution of the work, this information represents general indications that do not bind Kerakoll in any way. Therefore, it is advisable to perform a preliminary test to verify the suitability of the product for your purposes.