

# Resybrid 50 FC

High modulus, hybrid polymer-based adhesive sealant. High-performance, single-component adhesive sealant for various construction materials.



## Rating 4

1. Quick curing
2. Strong adhesion to common building construction materials
3. elastic
4. Perfect seal
5. High resistance to ageing, difficult weather conditions and UV rays
6. Can be painted over
7. Without silicone and isocyanates
8. Excellent adhesion even on damp substrates

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

## Areas of application

→ For sealing and bonding, in internal and external building applications, of plinths, profiles, insulating and decorative panels.

Excellent adhesion to metal substrates (aluminium, galvanized steel, copper) and to building materials in general (cement, wood,

bricks, glass, PVC...).

Flexible bonding of elements that may be subject to vibrations. Fractionizing joints on concrete floors, balconies...

## Instructions for use

→ Substrate preparation

The surface must be bonded, even, free from oil, dust and loose particles.

→ Application

The substrate must be clean, stable and free from dust. Apply the product in spots or strips. The user is responsible for ensuring that the

substrate is compatible in terms of adhesion, chemical contact and stain formation. If necessary, use adhesive tapes for improved finish. Smooth with soapy water. Press the sealant thoroughly against the substrate.

### TEST

Test report CE

Type INT

EN 15651-1

## Certificates and marks



\* 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**

Film formation time	≈ 15' (+23 °C, +50% R.H.)
Curing rate	≥ 3 mm / 24 h (+23 °C, +50% R.H.)
Application temperature	+5 °C / +40 °C
Shelf life	≈ 12 months in the original packaging, sealed and protected against damp
Packaging:	
- 290 ml cartridge	12 per box / 100 boxes per pallet

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 9299/11.01.02
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**HIGH-TECH**

Shore A Hardness	45 - 55	ISO 868
Modulus of elongation at 100%	0,90 - 1 MPa	ISO 8339
Elongation at break	> 100%	ISO 8339
Tensile strength	1,4 – 1,6 MPa	
Elastic recovery	> 70%	ISO 7389
Application temperature range	-30 °C / +80 °C	

Chemical resistance (information purposes only): to water, cleaning agents, accidental spillage of oils and hydrocarbons, acids, diluted alkalis.

**Coverage table****Linear metres of joints with seam sealable with one 290 ml cartridge of Resybrid 50 FC**

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.

**colour chart**

white

grey 9006

Other colours available on request. Shades shown are purely indicative.

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## 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](mailto: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](http://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.