

Resycolle® ISO

Polyurethane with high modulus of elasticity - High strength, for bonding

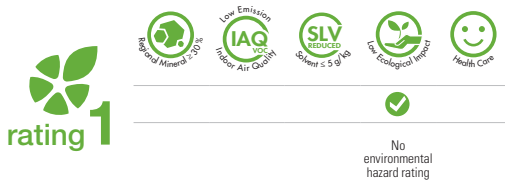
High-performance, single-component elastic polyurethane adhesive, specific for all main construction materials.



GREENBUILDING RATING®

Resycolle® ISO

- Category: Sealants and adhesives
- Polyurethane sealants



No environmental hazard rating

RATING SYSTEM ACCREDITED BY CERTIFICATION BODY SGS

PRODUCT STRENGTHS

- Quick curing
- Strong adhesion to the most common construction materials
- For flexible, elastic bonding
- Compensates for subfloor irregularities
- Ensures a perfect seal
- Non corrosive
- Reduces vibrations
- Perfect seal
- High resistance to ageing and to difficult weather conditions
- Lasting performance

AREAS OF USE

For internal and external bonding of prefabricated elements, stairs and steps, sills, thresholds, skirting boards. Sealing of construction elements. Excellent adhesion to cement, stone, ceramics, tiles, timber, aluminium, metal, bricks and plasterboard. Flexible bonding in construction work, assembly, decorations, roofing work.

INSTRUCTIONS FOR USE

Substrate preparation

The substrates must be cohesive, dry, even, free from grease, dust and loose particles. The fitter is responsible for checking that the sealant is compatible with the substrate in terms of the risk of adhesion and staining. This product is not recommended for underwater uses, on PP/PE, Teflon, PVC or bitumen surfaces.

Application

Apply with a spray gun. To bond, apply the sealant in dots or strips. Comply with the professional rules in force and our general guidelines for sealing.

* 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

Movement capability	25%
Film formation time	≈ 45'
Curing rate	≈ 3.5 mm / 24 h
Application temperature	+5 °C / +40 °C
Specific weight	1.3 g/cm ³
Shelf life	≈ 12 months in the original packaging, sealed and protected against damp
Packaging:	
- 300 ml cartridge	12 per box / 104 boxes per pallet
- unipack 400 ml	40 per box / 24 boxes per pallet
- unipack 600 ml	20 per box / 30 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

HIGH-Tech

Shore A Hardness	30 – 40	ISO 868
Tensile strength	2.2 MPa	ASTM D412
Break strength	0,75 Mpa	ISO 8339
Resistance to flow at +23 °C	≤ 3 mm	ISO 7390
Resistance to flow at +50 °C	≤ 3 mm	ISO 7390
Modulus of elongation at 100%	0.55 – 0.65 MPa	ISO 8339
Elongation at break	> 200%	ISO 8339
Elongation at break	600%	ASTM D412
Elastic recovery	> 70%	ISO 7389
Application temperature range	-20 °C / +80 °C	
Shrinkage	≤ 10%	ISO 10563

TEST

Test report CEBTP No. B252.3.069/1 Joints between tiles. **ASTM C 920:** Test report DL laboratories ASTM C920 Type S, Level NS, Class 25, use NT and M. **CE:** EN 15651-1:2012, Type F EXT-INT CC; EN 15651-3 Type S, EN 15651-4 Type FW EXT-INT CC.

COVERAGE TABLE

Linear metres of joints with seam sealable with one 300 ml cartridge of Resycolle® ISO

Seam diameter	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm
	42.5	24	15.3	10.6	7.8	6	4.7	3.8

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

Black

Tile colour

Other colours on request. The shades shown are intended as an indication only.

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 July 2019 (ref. GBR Data Report - 07.19); 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 yards 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.