

Colorsil

**RAL finish neutral silicon sealant.
Window installations and woodworking.
Glazing and sealing.**



Rating 3

1. Available in 19 RAL colours, used for window frames
2. Easy smoothing
3. Quick curing
4. Strong adhesion to common building construction materials
5. High flexibility
6. For internal and external use
7. High resistance to ageing and to weather conditions
8. Resistance to UV rays

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

Areas of application

- Air- and watertight sealing between wall and frame during installation of cantilevered and casement windows, and skylights.
Sealing of joints for partial renovation of window frames.

Finishing joints for glass on PVC, aluminium and (treated) wood.
Joints in building construction. Joints for damp environments and bathroom fittings.
Contains fungicide for high resistance to moulds.

Instructions for use

- Substrate preparation
The substrate must be free from dust, dry, compact and stable. On old tiles, remove any trace of wax, oil or grease using specific products.
It can be used on all sorts of building materials: concrete, tiles, bricks, glass, timber, anodized aluminium
On painted aluminium or PVC, prepare the substrate with Clean and seal. Due to the large number of PVC formulas, varnishing formulas, surface treatments and powder coating formulas for aluminium, it is necessary to systematically carry out a preliminary adhesion test.
This product is not recommended for permanent immersion in water, aquarium construction, on PP/PE surfaces, Teflon polycarbonate, polyacrylate, tar and bitumen, EPDM, neoprene, butyl and in general on substrates that may release plasticisers. This product is not recommended for use on marble, natural stone or granite due to the risk of staining.
Contact with certain alkyd resin paints, a certain number of detergents or prolonged absence of UV (blind spots) may cause yellowing of the joint.

Not suitable for sealing the edges of insulating glass units, laminated glass and safety glass due to the risk of incompatibility with glass components.
The fitter is responsible for checking that the sealant is compatible with the substrate in terms of adhesion and staining. If necessary use primer.

- Application
Apply the sealant with a manual or pneumatic gun.
Comply with applicable professional rules, joint dimensions and our general instructions for making joints.
Use a sub-joint to prevent adhesion of the sealant on three sides and detachment in case of movement.
Smooth the joint with a spreader and a solution that acts as a finishing product (soapy water). Soapy water must never get between the sealant and the substrate.
Use Fast Clean towels to clean tools before polymerisation.
It cannot be painted.

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

Type	Polysiloxanes with neutral oxymic cross-linking
Specific weight	1.3 g/cm ³
Movement capability	25%
Film formation time	≈ 15' (+23 °C, +50% R.H.)
Curing rate	≥ 2.5 mm / 24 h (+23 °C, +50% R.H.)
Application temperature	+5 °C / +40 °C
Shelf life	≈ 12 months from the date of production, in the original packaging, sealed and protected against damp
Packaging:	
- 300 ml Cartridge	6 per box / 200 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	15 – 25	ISO 868
Modulus of elongation at 100%	0,20 – 0,30 MPa	ISO 8339
Elongation at break	250%	ISO 8339
Resistance to flow at +23 °C	≤ 3 mm	ISO 7390
Resistance to flow at +50 °C	≤ 3 mm	ISO 7390
Working temperature	-30 °C / +80 °C	
Elastic recovery	> 70%	ISO 7389
Shrinkage	≤ 10%	ISO 10563



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

Coverage table**Sealable linear meters per joint with a seam using a 300 ml Colorsil cartridge**

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

RAL 3004	
RAL 7006	
RAL 7011	
RAL 7015	
RAL 7016	
RAL 7021	
RAL 7022	
RAL 7030	
RAL 7032	
RAL 7035	
RAL 7039	
RAL 8003	
RAL 8014	
RAL 9001	
RAL 9005	
RAL 9006	
RAL 9007	
RAL 1013	
RAL 1015	

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 September 2023 (ref. GBR Data Report - 09.23); 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.