

R-SL-LUS Mirrors Adhesive Silicone

Silicone adhesive for mirrors - Solvent-free, colourless adhesive with neutral curing system.

Product information



Applications

- Adhesion of decorative mirrors to varied substrates, even at low temperatures (5°C).
- Fixing mirror mosaics (mirror-mirror bonding) in shower cabinets.
- Adhesion of mirrors to substrates exposed to vibration and stress (new-build environments).
- Fixing mirrors and large glass panels such as Lacobel (e.g. on sliding wardrobe doors).
- Grouting mirrors edges (subsequent to full hardening of the pre-applied adhesive).
- Adhesion of mirrors with metal, wood or plastic frames.
- External fixing of glass components

Features and benefits

- Intended for non-invasive fixing and adhesion of mirrors and glass mosaics.
- Excellent adhesion to most materials and substrates used in construction.
- Texture and colour suitable for use for sealing mirror edges.
- Warranty covers against discolouration of base materials.

Base materials

Approved for use in:

- Glass
- Metal Sheet & Profiles
- Stainless Steel
- Glaze
- Masonry
- Concrete
- Aerated Concrete Block
- Plastics
- Cement Mortar
- Protected wood
- Mirrors

Installation guide

1. Prior to application of silicone protect edges with masking tape
2. Cut the tip of the cartridge, leaving part of the thread. Screw the applicator on to the thread, then cut at the required angle to give an aperture width suited to the joint.
3. Use manual or pneumatic gun applicator.
4. The product should be applied in parallel, vertical streaks or in dispersed spots, in order to facilitate evaporation of by-products during curing. Do not seal edges of the mirror until after the silicone is fully-hardened.
5. Depending on the mirror size and weight, additional support may be required throughout the bonding period and for several hours thereafter. If using mirrors from an unrecognised manufacturer, checks must be performed before installation to ensure suitability. The mirror should be secured in accordance with EN 1036 - Glass in building.

Technical Data

Parameter		Value	Methods
Application temperature	-	+5 ÷ +40	
Coverage	-	18 linear meters of 4x4 mm joint per one 300 ml cartridge	
Thermal resistance (upon hardening)	[°C]	-40 ÷ +180	
Pretreatment time	[min]	10	
Curing time	[mm/24h]	2	RH 55%
Density	[kg/dm ³]	1.0-1.05	
Hardening system	-	one-component-crosslinking with air humidity	
Hardening type	-	neutral-alkoxylate	
Packaging	-	300 ml cartridge	
Shore A hardness	-	19	SHORE A Method, after 14 days
Ultimate elongation	[%]	200	ISO 8339, +23°C
Tensile strength	[kPa]	290	+23°C
R-SL-LUS-01			
Colour	-	transparent	

Parameter		Value
Storage temperature	[°C]	+5 ÷ +35
Storage	[month]	18
	-	In originally closed containers, in cool and dry places.

Product commercial data

Product Code	Colour	Quantity [pcs]			Weight [kg]			Bar Codes
		Box	Outer	Pallet	Box	Outer	Pallet	
R-SL-LUS-01	transparent	15	15	1260	5.6	5.6	502.2	5906675251301