RAWLPLUG®

R-SL-UNI Universal Silicone

Universal silicone - One-component, elastic sealant with acetate curing system.

Product information

Applications

- For standard glazing applications, as well as hotboxes for gardening.
- Sealing partition walls and window & door frames.
- Do not use for fish tanks, mirrors, unprotected metals, natural stone or concrete.

Features and benefits

- Highly and permanently elastic sealing properties, with excellent resistance to water, grease, acids and alkalis.
- Very good adhesion to materials and substrates used commonly in construction: glass, tiles, ceramics and protected metals
- Durable seal (completely resistant to weathering and UV radiation)

Base materials

Approved for use in:

- Glass
- Protected metals (aluminium, brass, copper, steel, zinc-plated metal sheet)
- Terracotta
- Ceramics
- Glaze
- Protected wood

Installation guide

1. The surface, that silicone will be aplied on, should be clean, free of dust, grease, rust, remains of old seal and other substances that might weaken the cohesion.
2. Prior to application of silicone protect edges with masking tape
3. 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.
4. Use manual or pneumatic gun applicator.
5. Applied silicone may be smoothed with a spatula or similar tool. Moisten the spatula first in special wetting agent or detergent solution.
6. The silicone hardens by reaction with moisture from the air, so ensure well-ventilated conditions.
7. After completing the application, wipe tools with a paper towel and clean with solvent.

Technical Data

Parameter		Value	Methods
Application temperature	[°C]	+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]	25	
Curing time	[mm/24h]	2	RH 55%
Hardening system	-	one-component-crosslinking with air humidity	
Hardening type	-	acidic-acetate	
Density	[g/cm³]	0.98-1.05	
Shore A hardness	-	18	SHORE A Method, after 14 days
Ultimate elongation	[%]	150	ISO 8339, +23°C
Shrinkage	[%]	17	
Allowable deformation	[%]	15	
Packaging	-	300 ml cartridge	
R-SL-UNI-01			
Colour	-	transparent	
R-SL-UNI-02			
Colour	-	white	
R-SL-UNI-03			
Colour	-	grey	
R-SL-UNI-04			
Colour	-	brown	

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-UNI-01	transparent	15	15	1260	5.4	5.4	479.1	5906675251042
R-SL-UNI-02	white	15	15	1260	5.4	5.4	486.4	5906675251059
R-SL-UNI-03	grey	15	15	1260	5.4	5.4	483.3	5906675251066
R-SL-UNI-04	brown	15	15	1260	5.3	5.3	478.6	5906675251073