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Soudal RTV 50

Base	Polysiloxane	
Consistency	Paste	
Curing System	Moisture Cure	
Working Time	20 -25 minutes	ASTM C 639
Curing Rate 50% RH (77deg F)	7 -10 days	ASTM C 639
Hardness – shore A	25 +/- 5	ASTM C 661
Service Temperature Range	-76° F to +356° F	
Maximum Allowed Distortion	25%	
Tensile Strength	232 psi	ASTM D 412
Elongation at Break	800%	ASTM D 412
Joint Movement Capability	+/- 50%	ASTM C 719

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

Product:

Soudal RTV 50 is a one-part neutral cure, low modulus silicone sealant.

Characteristics:

- Permanent color
- UV resistant
- Stays fully elastic after curing
- Very good adhesion on many materials
- Very easy application
- Low modulus
- Movement up to +/- 50%

Applications:

- Building and construction joints
- Topsealing at glazing jobs
- Joints with high movement between different building materials
- Sealing between treated wood, metal, PVC profiles and glass

Color:

Clear, white, black, gray, concrete gray, beige

Packaging:

10.1 fl. oz. cartridges, 20 fl. oz. sausages

Surfaces:

Type: all usual building surfaces

State of surface: clean, dry, free of dust and grease

Preparation: Prime porous surfaces with Primer 150, no primer required for non-porous surfaces. The use of Soudal Surface Activator on smooth surfaces will improve the adhesion of Soudal RTV 50.

We recommend a preliminary compatibility test, especially on PVD and powder coated materials.

Joint Size:

Minimum width: 1/16"

Maximum width: 1 1/2"

Recommendation: 2 x depth = width

Application:

Method: Manual or pneumatic caulking gun

Conditions: 41° F to 95° F

Finish: soapy water before skinning

Repair With: Soudal RTV 50

Clean Up: white mineral spirit immediately after use

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +41° F and +77° F



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Remarks:

- Do not use on natural stones like marble, granite due to possibility of staining
- Not recommended for use on PC and PMMA because it can cause crazing (stress cracking) in these materials

Meets:

ASTM C 920, Type S, Grade NS, Class 50, Use T, NT, M, A, G, and O, Federal Specification TT-S-00230C, Type II, Class A

Health- and Safety Recommendation:

KEEP OUT OF REACH OF CHILDREN. Avoid skin and eye contact. On Contact, uncured sealant could cause irritation to skin and eyes. In case of eye contact, flush eyes with warm water for 15 minutes, call a physician. For skin contact, remove sealant with a paper towel. If swallowed, do not induce vomiting, call a physician. Soudal RTV 50 is manufactured for professional use only. Refer to Material Safety Data Sheet (MSDS) for further information.

Limited Warranty:

SODAL warrants product to be of good quality and will replace or, at our election, refund the purchase price of any products proved to be defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, SODAL MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and SODAL shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

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