

STONE. Silicone

ADHESIVE/SEALANT

Product Description

Stone Silicone range of adhesive and sealant is expertly formulated to meet the unique demands of stonemasonry, offering both excellent adhesion and effective sealing for stone materials. This product is characterized by a neutral cure, which means it will not release acidic by-products during the curing process, making it safe for use with a variety of stone types without causing damage or discoloration. The neutral cure also ensures that the finish remains stain-free, maintaining the aesthetic quality of the stone surface. This makes Stone Silicone adhesive and sealant ideal for both construction and restoration projects, providing reliable and lasting performance while preserving the integrity and appearance of the stone. Whether used for interior or exterior applications, this product delivers professional results that meet the high standards required in stonemasonry.

Typical Applications

- **Stone Countertops:** Used to securely bond stone countertops to cabinets and other surfaces, ensuring a durable and stable installation.
- **Splashbacks:** Ideal for adhering stone splashbacks in kitchens and bathrooms, providing both aesthetic appeal and practicality by protecting walls from moisture and stains.
- **Sealing Joints:** Applied to seal joints between stone slabs, preventing water infiltration and damage, and enhancing the overall appearance with a seamless finish.
- **Outdoor Applications:** Suitable for outdoor stone installations such as patio stones and garden features, offering weather-resistant properties for long-lasting adhesion.

Special Features

- **Non-Staining:** Designed to prevent discoloration on surfaces, maintaining the original appearance of the materials it is applied to.
- **Excellent Adhesion:** Provides strong bonding capabilities to a variety of surfaces, ensuring durability and longevity.
- **Waterproof:** Offers effective resistance to water, making it ideal for applications in wet or humid environments.
- **Neutral Cure:** Releases no acidic by-products during curing, making it safe for use on sensitive materials and reducing odor.
- **100% Silicone:** Composed entirely of silicone, ensuring flexibility, resilience, and resistance to temperature extremes.

Technical Data

Items		Unit	Typical Value	Requirement	Test Std
Appearance		/	/	Fine, Uniform Paste	Q/JL-00-T001
Density		g/cm ³	1.01	1.01 $\pm$ 0.01	
Tack Free	///Finger	min	5	<15	ASTM D2377:2000
Sagging		mm	0	<1	ISO 7390
Solid Content		%	95.0	>90.0	JISK6833:1980
Hardness Shore A	7d///	/	32	25-40	ISO7619-1:2004
Curing Depth	24h///	mm	3.5	>3.0	
Curing Depth	7d///	mm	8.0	>6.0	
Elongation at Break	7d///	%	667	>500	ISO37:2005
Tensile Strength	7d///	MPa	1.4	>0.7	ISO37:2005

Directions For Use

- Ensure surfaces are clean, dry, and free from dust, grease, and loose materials before application.
- Suitable application temperature range: 5°C to 45°C.
- Cut the nozzle at a 45-degree angle for optimal application.
- Apply adhesive sealant evenly to one of the surfaces.
- Press the surfaces together firmly and support until adhesive sets.
- Clean any excess sealant immediately with a suitable solvent or as recommended by the manufacturer.

Restrictions

- Not suitable for temperatures exceeding 50 degrees Celsius.
- Not recommended for use below 5 degrees Celsius.
- Avoid using on wet or damp surfaces.
- Not intended for load-bearing or structural glazing applications.
- Should not be used on surfaces that will be submerged in water.
- May not adhere well to oily or greasy surfaces.

Storage And Shelf Life

Shelf life is 12 months stored in a cool dry place at temperatures between +5C and 27C.
Humidity between 30% and 70%, optimal storage is at the lower half these ranges.

Colour and Packaging

clear / 300 ml cartridges

Safety

When using adhesive sealant, it's essential to prioritize safety to prevent accidents or health risks. Always ensure the product is kept out of the reach of children to avoid any unintended exposure. Before application, thoroughly review the Technical Data Sheet (TDS) to understand the product's specific use, properties, and application instructions. This will help ensure optimal results and prevent misuse. Additionally, consult the Safety Data Sheet (SDS) for detailed safety information, including potential hazards, first-aid measures, and safe handling practices. By adhering to these guidelines, you can use the adhesive sealant effectively and safely.

Notice

Trubond Australia Pty Ltd hereby declares that it makes no warranties, express or implied. This includes, but is not limited to any implied warranties of merchantability or fitness for a particular purpose. This statement serves to inform customers and clients that Trubond Australia Pty Ltd does not guarantee that its products or services will meet specific requirements or expectations. Customers are encouraged to evaluate the suitability of the products or services independently before use

LIMITATIONS OF REMEDIES AND LIABILITY

In the event the product is found to be defective, the exclusive remedy will be a refund of the purchase price or replacement of the defective product. Trubond Australia Pty Ltd will not be liable for any other damages, whether direct, special, incidental, or consequential, regardless of the legal theory, including negligence, warranty or strict liability.

TRUBOND AUSTRALIA PTY LTD
70 Derrimut Dr Derrimut, VIC 3026
info@trubond.com.au www.trubond.com.au