



Silicone Sealant WHITE

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DESCRIPTION

Ultra-Bond 2300 Neutral Silicone Sealant is a low modulus, one-component, shelf-stable, neutral room temperature curing silicone sealant. It's suitable for a wide range of glazing and weatherproofing, exhibiting the following features:

1. No sag.
2. Ready to use.
3. Low VOC.
4. Ready gunnable at low (+4 °c) and high (+40 °c) temperature;
5. Excellent weatherproof and anti-aging properties.
6. Excellent bonding property for most building materials.
7. Keep good performance between the temperature of -5 °c +40 °c after curing.

RECOMMENDED FOR

Sealing joint for glass/marble/aluminum door, missionary, window and other house building projects. Excellent adhesive to aluminum, glass, stainless steel, wood, ceramic, porcelain, fiberglass composite, enamel, and wallboard.

NOT RECOMMENDED FOR

1. Aquariums.
2. Joints subject to heavy abrasion or wear or tuck pointing.
3. Total water immersion, frosty or moist surface.
4. Unsuitable for application when the surface temperature is lower 4 °c (40 °c) or over 40 °c (110 °c);
5. Joints deeper than 1/2" without use of a backer rod.

COVERAGE

A 300ml (10oz) cartridge will extrude approx. 9.5m (31 ft) of a 6mm (1/4") bead.

PACKAGE

Color	Package	Size
White	Plastic Cartridge	300ml

INSTRUCTION

Tools Typically Required:

Utility knife, caulking gun and tooling device.

Safety Precautions:

Well-ventilated area. Wear gloves.

Application:

1. Remove dirt, grease, moisture, and old caulk. If joint size exceeds 1/2" x12", use backer rod.
2. Paint area before applying sealant, as silicone is not paint-able.
3. Mask both sides of joint.
4. Cut the nozzle to desired bead size. Pierce seal. Load sealant cartridge in caulking gun. Place nozzle into joint and apply sealant into gap.
5. Smooth or "tool" bead if needed. Remove masking tape immediately.
6. Wipe your hands and tool thoroughly before washing. Tack free in 20 minutes. Normally cures in 24 hours.

STORAGE AND TRANSPORTATION

Not damaged by freezing. Store in temperature above 4°c (40°c) and below 40°c (110°c). Allow any unwanted product to harden and dispose in trash or use an approved household hazardous waste facility.

SAFETY INFORMATION

Caution:

1. The process of curing will release lower-molecular materials; therefore the construction workplace shall ensure good ventilation, in order to avoid the highly concentration of volatile cause people discomfort (cured sealant will not affect people's health);
2. Harmful if contact with eyes, skin, and respiratory irritation when it's non-cured. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice;
3. Please store the product out of children's reach. If swallowed, please immediately seek medical advice.
4. PPE must always be worn. Eye protection, protection gloves, FFP3 face mask.
A 300ml (10oz) cartridge will extrude approx. 9.5m (31 ft) of a 6mm (1/4") bead.

First Aid:

1. In case of skin contact wipe off and wash with soap and water.
2. In case of eye contact flush with water for 15 minutes. Call a physician immediately.
3. In case of respiratory difficulty, remove to area of fresh air.
4. If swallowed, do not induce vomiting, call physician immediately.

Refer to the Material Safety Data Sheet (MSDS) for further information.

DISCLAIMER

This information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitable for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement, or recommendation to practice any invention covered by any patent, without authority.

TECHNICAL DATA

Colour	WHITE	Application Temperature	Apply between 4 °c (40 °c) and 40 °c (110 °c)
Appearance	Lump-free paste	Odour	Alcohol
Base	Alcohol Silicone	Tack-Free Time	20 to 30 minutes
Specific Gravity	1.4	Cure Time	24-48 hours *Cure time is dependent on temperature, humidity and amount of product used
Shelf Life	12 months from date of manufacture (unopened)	Tensile module MPa (23 °c)	0.9
Working Temperature	-5 °c and 40 °c		

Test	Property	Unit	Result
JC/T 882-2018	Tack-Free Time, 50%RH	hours	0.1
JC/T 882-2018	Flow, Sag or Slump	Inches (mm)	0
JC/T 882-2018	Curing Speed	mm/day	6
As Cured- after 21days at 25 °c and 50%RH			
GB531/TM104	Durometer Hardness, Shore A	points	27
ASTM C 1248 Staining (granite, marble, lime-store, brick and concrete)			None
GB531/TM108	Tensile strength, at 23 °c	MPa	1.9
GB531/TM108	100% modulus , at 23 °c	MPa	0.46
GB531/TM108	Elongation	%	468
JC/T 882-2018	Loss of mass	%	<10
JC/T 882-2018	Tensile properties at maintained extension		No failure
JC/T 882-2018	Adhesive/cohesion properties at maintained extension after exposure to UV and to water		No failure
JC/T 882-2018	Adhesive/cohesion properties at variable temperature		No failure