

SI BONDER

Food Grade 100% RTV Silicone Sealant for the surfacing industry

APPLICATIONS

Color matched sealant for:

SOLID SURFACE
NATURAL STONE
CERAMICS
SINTERED SURFACES
QUARTZ
GLASS AND MORE

BENEFITS

- 100% RTV Silicone Sealant
- NSF and FDA Compliant
- Available in multiple colors
- Online cross-reference color charts for more than 9,000 surfaces
- Excellent adhesion to Solid Surface, Quartz, Stone, Ceramic and more
- For Indoor and Outdoor use
- Food Grade
- Meets ASTM C920, Type S, Grade NS, Class 25

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Integra
Adhesives

Product Overview

Description

Si Bonder is a high performance, one component, acetox cure, 100% RTV Silicone Sealant and adhesive designed to color coordinate with solid surface, quartz, natural stone, ceramic and other non-porous surface applications.

Applications

Si Bonder is suitable for permanent flexible sealing and bonding of multiple surfaces allowing joint movement of +/- 25% for interior/exterior residential and commercial installations.

Available Colors

Crystal Clear, White Linen, Trans White, and many more...

For a full list of colors visit:

www.integra-adhesives.com/si-bonder

Product Attributes

- UV stable, non-yellowing & mildew resistant
- Non-sag, for horizontal, vertical and overhead surfaces
- Excellent unprimed adhesion to many substrates
- Superior gunning throughout a wide temperature range
- Will not crack, fade, shrink or discolor at the edges
- Dry tools easily to a smooth, attractive gloss finish
- Color match charts available for solid surface, quartz, stone & ceramic

Characteristics

Chemistry	Acetox	
Appearance	Smooth	
Colors	Various transparent, translucent and opaque colors	
Specific Gravity	1.01	
Extrusion Rate	400g/m	
Sag/Slump	Nil @120°F (49°C)	ASTM C 639
Skin Formation (*)	5–10 minutes	@ 75°F (24°C) & 50% relative humidity
Tack Free Time (*)	10–20 minutes	ASTM C 679
Curing time (*)	24 hrs, 1/8" diameter bead	@ 75°F (24°C) & 50% relative humidity
Oil Gel Test	No gel formation	
Application Temperature	-35°F to 140°F (-37°C to 60°C)	
Shore "A" Hardness (*)	25 points	ASTM C 661
Tensile Strength (*)	265 psi	ASTM D 412
Elongation (*)	500%	ASTM D 412
Movement capability	+/- 25%	ASTM C 719
Service Temperature	-40°F to 400°F (-40°C to 204°C)	
Artificial Weathering	No Cracking	ASTM C 793
Shelf life	12 months	Stored between 41°F–77°F (5°C–25°C)
VOC	23g/L	

(*) These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Meets

ASTM C-920-86
TT-S-001543A, TT-S-00230C
NSF STANDARD 51
FDA/USDA requirements for use in establishments operating under Federal Meat and Poultry Inspection program. When cured and washed, ingredients remaining or which could migrate to food are listed on FDA Regulation No. 21 CFR 177.2600

Limitations

- This product is not paintable.
- This product is not to be used as a structural glazing sealant.
- We always recommend a preliminary adhesion test on every surface.
- Lower temperatures and humidity will extend curing time.
- When working with Natural Stone test a sample with Si Bonder to ensure compatibility.

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be put, no warranties concerning the fitness or suitability for a particular use or purpose are made.

You should thoroughly test any proposed use of our products and independently conclude satisfactory performance application.

Likewise, if the manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain such authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The users exclusive remedy and the suppliers sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for any incidental or consequential damages of any kind.