

Silicone for Surfaces

TYPICAL PROPERTIES

Flow, Sag, or Slump	NIL
Tack-Free Time	1 hr
Cure Time	7-14 days at 75°F (24°C)
Working Time	7-15 minutes
As Cured - after 7 days at 77°F (25°C) and 50% RH	
Hardness, Shore A	25
Ultimate Tensile Strength (max elongation), psi	250
Staining	None
Weathering	No change in hardness after 6,000 hours
Service Temperature	-40°F to 400°F
Application Temperature	-35°F to 140°F

DESCRIPTION

BOSS® 850 Colors Silicone for Surfaces is a one-part, fungicidal, silicone rubber sealant and adhesive. It is designed to be used for sealing cultured marble, natural marble, granite and stone. **BOSS® 850** is ideal for sealing marble panels, counter tops, sinks, plumbing fixtures, back splashes and cultured marble tub surrounds. It remains flexible and will not lose its bond to the substrate. Outperforms all solvent based adhesives.

FEATURES

- Resists mildew even in prolonged hot and humid environments
- Resists staining, spotting and color change
- Remains flexible - will not shrink, crack, crumble or dry out
- Stays bright and clean
- Is ready-to-use as supplied
- Adheres to many nonporous surfaces such as porcelain, painted areas and glass without the use of a primer

HOW TO USE

BOSS® 850 Colors Silicone for Surfaces must always be applied to sound, clean, dry, frost-free surfaces.

Tooling is recommended and if possible, should be completed in one continuous stroke. Tool joints within 10 minutes of application. Remove masking tape before a surface skin has formed.

Cleaning the joint surface on both new and old jobs

Bonding surfaces on both new and remedial jobs must be clean, dry and free of dirt, dust and soap film.

Use masking tape where bead lines of exact shapes are required

Use masking tape before applying sealant and remove immediately after a bead is completed and before a skin forms (7 to 15 minutes).

Applying the sealant

BOSS® 850 Colors Silicone for Surfaces can be applied directly from the caulking cartridge with either an air-operated or hand-operated cartridge gun. Do not break the cartridge seal until just before using.

After applying the sealant and after a skin has formed, do not disturb the joint for 48 hours. A previously opened cartridge may be reused by removing the cured plug of sealant from the tip.

Continued...



APPLICATIONS

- Shower-tub enclosures
- Bathroom fixtures
- Waterproofing rimless sinks
- Ceramic tile grouting
- Cultured marble seams
- Natural stone seams
- Granite seams
- Kitchen and bath backsplashes

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CLEAN UP

Uncured sealant can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice use BOSS® 893 Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

SPECIFICATIONS

- 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.
- Meets Federal Specifications TT-S-001543A, TTS-00230C and ASTM C920-86.

SHIPPING LIMITATIONS

None

LIMITATIONS

BOSS® 850 is not recommended for continuous water immersion, nor for floor joints where abrasion and physical abuse are encountered. It should not be applied to:

- Porous surfaces such as masonry
- Building materials that bleed oils or solvents, such as impregnated wood and certain partially vulcanized rubber gaskets, tapes or adhesives
- Totally confined spaces, because the sealant needs atmospheric moisture to cure

CAUTION

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE AND THROAT. Avoid eye and skin contact. Use only outdoors or in a well ventilated area. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF REACH OF CHILDREN. For safe handling information on this product, consult the Safety Data Sheet (SDS).

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 850** COLORS Siding, Window & Metal Roof Sealant has a shelf life of 12 months from date of shipment. In countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. DO NOT stack cartons on their side. NEVER stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building

USERS PLEASE READ

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 exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

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

TECHNICAL DATA SHEET

COLORS

- White
- Clear
- Translucent White

PACKAGING

- 9.5 oz. Cartridge

Limited Warranty: Buyer assumes all risks of use, handling and storage of product not in strict accordance with label directions. Liability for any incidental or consequential damage or loss is specifically excluded at all times. Any implied warranty of merchantability or fitness for particular use is excluded. Seller will not accept liability for more than product replacement.



Soudal Accumetric

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