

## BOSS<sup>®</sup> 850 COLORS Silicone for Surfaces

### TYPICAL PROPERTIES

Type ..... One part, ready-to-use silicone rubber  
Special Properties ..... Mildew and moisture resistant  
Benefits ..... Long-life reliability;  
permanently flexible; good appearance  
Primary Use ..... Sealing cultured marble panels,  
tub surrounds as well as natural granite, marble  
and stone. Adhering panels to sheet rock.

#### As Supplied

Color ..... Clear, white, translucent white  
Flow, Sag or Slump ..... NIL  
Tack-Free Time ..... 1 hour  
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  
(maximum elongation), psi ..... 250  
Staining ..... None  
Weathering (Atlas Weatherometer) ..... no change in  
hardness after 6,000 hours  
Service Temperature ..... -40°F to 400°F  
Application Temperature ..... -35°F to 140°F

\*Information on this data sheet is subject to change without notice  
and should not be used for writing specifications.  
For additional information on specific applications, contact Soudal Accumetric.



### USES

**BOSS<sup>®</sup> 850 Colors Silicone for Surfaces** is mildew resistant. It is used for such nonporous surface applications as:

- **Sealing around shower-tub enclosures, tubs, sinks and around urinals**
- **Sealing around bathroom fixtures**
- **Waterproofing rimless sinks**
- **Ceramic tile grouting**
- **Seals cultured marble or natural stone and granite seams**
- **Excellent for sealing back splashes in bathrooms or kitchens**
- **Great for adhering cultured marble panels to sheet rock**

### DESCRIPTION

**BOSS<sup>®</sup> 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<sup>®</sup> 850** is ideal for sealing marble panels, countertops, 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.

**BOSS<sup>®</sup> 850 Colors Silicone for Surfaces:**

- 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.

## SPECIFICATIONS

**BOSS® 850** meets performance requirements for the following: 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, TT-S-00230C and ASTM C920-86.

## 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®** Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

## COLORS

**BOSS® 850** Colors is available in clear, white and transparent white.

## PACKAGING

**BOSS® 850** Colors is available in standard caulking cartridges and 4.5 gallon pails. Other sizes available upon request.

## 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

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 850** Colors Silicone for Surfaces 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.

## 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. Sealant releases acetic acid (vinegar-like odor) during cure. **KEEP OUT OF THE REACH OF CHILDREN.** For safe handling information on this product, consult the Safety Data Sheet (SDS).

## SHIPPING LIMITATIONS

None.

Reactive vol 23 g/l (<3% wt)

## 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.

**Non-warranty:** Because the storage, handling and application of the material is beyond Soudal Accumetric's control, we can accept no liability for the results obtained. Soudal Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Soudal Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

## **BOSS® PRODUCTS**

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