



BOSS[®] 851 COLORS Silicone for Surfaces

TYPICAL PROPERTIES

Uncured

Surface Cure Time, min. 10-15

Cured – Physical

7 Days at 77°F (25°C) and 50% RH (1/8" thickness)

Hardness, Shore A 18

Tensile Strength, Mpa 1.8

Elongation, % 570

Modulus @ 100%, Mpa 0.4

Movement Capability, % ±25

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 Accumetric, LLC



DESCRIPTION

BOSS[®] 851 COLORS Silicone for surfaces is a general purpose adhesive sealant specially formulated for the installer of marble and stone products. BOSS[®] 851 is ideal for setting marble or stone countertops, backsplashes, tile and cultured marble panels. BOSS[®] 851 adheres to glass, wood, metal, porcelain, ceramic tile and painted surfaces.

FEATURES

- Setting marble and stone countertops
- Adhering backsplashes
- Setting tile
- Adhering cultured marble panels
- 25% joint movement

HOW TO USE

Apply sealant to dry, clean surfaces. An air-operated or hand-operated cartridge gun may be used. Do not break cartridge seal until just before use. Surfaces in this instance should be dried before the sealant is applied. Uncured sealant may be cleaned from tools using commercial solvent.

Tool joint, if necessary, and remove masking tape. Tooling should be completed in one continuous stroke. Tool immediately after sealant is applied and before a skin begins to form. Do not use soap or oil as a tool aid. Remove masking tape immediately after tooling is completed.

PACKAGING

BOSS® 851 Colors Silicone for Surfaces is available in standard caulking cartridges and 4.5 gallon pails.

SHIPPING LIMITATIONS

None.

Reactive VOC 29 g/l (<3% wt)

COLORS

BOSS® 851 Colors Silicone for Surfaces is available in clear, white and transparent white.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 851** 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 with adequate ventilation. 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. Use with adequate ventilation. **KEEP OUT OF REACH OF CHILDREN.** For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

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 Accumetric's control, we can accept no liability for the results obtained. 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. 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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