

BOSS[®] 389 Marine Silicone

TYPICAL PROPERTIES

Uncured

SlumpNIL
Tack-Free Time at 77°F (25°C) and 50% RH..... 10-20 min.

Cured – Physical

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

Elongation415%
Durometer Shore A Hardness 23 points
Tensile Strength.....325 psi
Movement Capacity±25%
Extrusion Rate..... 410 g/min.
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.



DESCRIPTION

BOSS[®] 389 Marine Silicone is a one-part, fungicidal, silicone rubber sealant formulated to provide outstanding performance in a variety of boat building and maintenance applications. Excellent for use on windshields, deck hardware, joints, cracks, port holes and through hull fittings. **BOSS[®] 389** bonds well to aluminum, non-oily woods, glass, metal, fiberglass, painted surfaces and many plastics.

FEATURES

- **Permanently Flexible**
- **Non-yellowing**
- **Unaffected by sunlight, weathering, most chemicals and solvents**
- **Will not shrink or sag**
- **Waterproof/weatherproof seal**
- **Mildew resistant**

SPECIFICATIONS

BOSS® 389 Marine Silicone meets Federal Specifications TT-S-001543A, TT-S-000230C and ASTM C920.

HOW TO USE

BOSS® 389 Marine Silicone 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® 389 Marine Silicone 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.

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® 389 Marine Silicone is available in clear, white and black.

PACKAGING

BOSS® 389 Marine Silicone is available in standard caulking cartridges. Other sizes available upon request.

SHIPPING LIMITATIONS

None.

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

LIMITATIONS

BOSS® 389 Marine Silicone 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® 389** Marine Silicone 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).

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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