

## BOSS<sup>®</sup> 387 Universal Silicone

### TYPICAL PROPERTIES

#### Uncured

Flow Sag or Slump .....	NIL
Skin-Over Time, min.....	15
Working Time, min.....	10
Surface Cure Time, min.....	25
In Depth Cure @ 25°C, mm/day .....	2

#### Cured - Physical

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

Hardness, Shore A .....	17
Tensile Strength, Mpa.....	1.8
Elongation .....	570%
Modulus @ 100%, Mpa .....	0.4
Movement Capacity .....	±25%
Service Temperature.....	-40°F to 400°F
Application Temperature .....	-35° 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<sup>®</sup> 387** Universal Silicone is a one part moisture curing silicone sealant suitable for use in a broad range of applications. It is easy to apply and offers excellent adhesion to a variety of nonporous substrates such as glass, glazed ceramic tiles and aluminum.

### APPLICATIONS

**BOSS<sup>®</sup> 387** Universal Silicone is primarily designed for conventional glazing, and is ideally suited to sealing glass windows, shopfronts, aluminum angle joints, showcases and shower screens.

### FEATURES

- **Ease of use, one-part sealant, no mixing required**
- **Good weatherability - virtually unaffected by sunlight, rain, snow, ozone, and temperature extremes**
- **Long life reliability, cured sealant stays rubbery from -60°F to 400°F without tearing, cracking, drying out, or becoming brittle.**
- **Wide temperature gunnability can be applied in any season**

## HOW TO USE

### ***Make sure the joint design is correct.***

Proper joint design minimizes stresses on the sealant.

### ***Clean the joint surface on both new and old jobs***

Surfaces must be clean, dry, and sound. Since new material is often covered with a protective film, solvent-wash all surface materials with a wet brush and an oil-free solvent.

### ***Use masking tape where bead lines of exact shapes are required***

Masking tape should be removed immediately after a bead is completed before a skin begins to form.

### ***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.

## 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® 387 is available in clear, white, and aluminum.

## PACKAGING

BOSS® 387 is available in standard caulking cartridges and 29 Fl. Oz. cartridges.

## SHIPPING LIMITATIONS

None.

Reactive VOC 24 g/l (<3% wt)

## LIMITATIONS

- Do not use for structural glazing
- Not recommended for use in below ground joints or where abrasion and physical abuse are encountered
- Do not apply to surfaces which will be painted. As most paints do not adhere well to sealant, complete painting before applying

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), BOSS® 387 Universal 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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