

## BOSS® 388 WEATHER NEUTRAL SILICONE SEALANT

### TECHNICAL DATA

#### Uncured

Density**	
Clear	0.98 ± 0.02 (g/ml)
Colors	1.36 ± 0.02 (g/ml)
Flow, Sag or Slump	NIL
Skin Formation Time* (22°C / 50% R.H)	5 - 10 min
Curing Rate* (22°C / 50% R.H)	2mm / 24 hours

#### Cured-Physical

Elongation	>350%
Durometer Hardness, Shore A, points	28 - 34
Tensile Strength, N/mm <sup>2</sup>	0.80 - 1.20
Maximum Allowed Distortion	20%
Service Temperature	-40°C to 150°C

\* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

\*\* This information relates to fully cured product.

## Description

BOSS® 388 Weather Neutral Silicone Sealant is a one part neutral cure, low odor, construction grade sealant that offers excellent adhesion, weatherability and compatibility with wide variety of materials. BOSS® 388 is ideally suits for weather proofing, waterproofing, sealing of uPVC and Aluminum windows and is most ideal for ACP.

BOSS® 388 has excellent adhesion to ACP, glass, glazed surfaces, concrete, galvanized steel, anodized aluminum, cement, wood, ceramics, painted surface and many plastics.

## Benefits

- Compatible with water-based and solvent-based coatings
- Excellent adhesion to most common building materials
- Suitable for alkaline substrates such as concrete, mortar, fibrous cement

- Primerless adhesion to most materials
- Low Odor Non-Corrosive to metal
- Weatherproofs/Waterproofs

## How to use

Applying the Material – Tack-Free Time: BOSS® 388 Weather Neutral Silicone Sealant is supplied ready-to-use. Under pressure it flows readily from its container. The paste-like consistency makes it easy to work. A spatula or wooden paddle can be used for tooling the surface. The cure progresses inward from the surface. At conditions of at least 75°F (24°C) and 50 percent relative humidity, the sealant forms a skin in 5-10 minutes. Tooling is not practical after this skin forming begins and should be completed within 5-7 minutes of application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off an area, it should be removed before the skin forms.



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## Limitations

- Not for use in areas of constant water immersion
- Not for traffic areas or areas subject to abrasion
- Not for bathrooms where mildew resistance is required
- Not paintable

## Packaging

BOSS® 388 Weather Neutral Silicone Sealant is available in 280 ml cartridges. Other sizes available depends upon request.

## 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. KEEP OUT OF THE REACH OF CHILDREN.

## Storage and shelf life

When stored in original unopened container at or below 80°F (27°C), BOSS® 388 has a shelf life of 12 months from date of shipment. In countries where high heat and humidity are a factor, special precautions should be taken to store product in a covered, well-ventilated warehouse. Rotation of stock is also required in these harsh environments to reduce the risk of premature curing of the product. Containers should always be sealed when not in use. After a container has been opened and the entire contents have not been used, extrude 3/8" of material past nozzle opening. When ready to use, pull out cured plug. Sealant is ready to use.

## 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.

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## Shipping limitations

None.

**Disclaimer:** This technical data sheet replaces all previous versions. The directives contained within this documentation are the result of our experiments and experience, and have been submitted in good faith. Because of the diversity of the materials and substrates, in addition to the great number of possible applications that go beyond our control, we cannot accept any responsibility for the results obtained. Further, since the design, quality of the substrate, and processing conditions are beyond our control, no liability under this publication will be accepted. In every case, it's therefore recommended to carry out preliminary experiments. BOSS reserves the right to modify its products, without prior notice.

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