



BOSS® 394 NEUTRAL SEALANT

TECHNICAL DATA	
Uncured	
Density**	0.98 ± 0.02(g/ml)
Colors	Clear, White, Black
Flow, Sag or Slump	Nil
Skin Formation Time* (22°C / 50% R.H)	10-15 min
Curing Rate* (22°C / 50% R.H)	3mm 24 Hours
Cured-Physical	
Elongation	>500%
Durometer Hardness, Shore A, points	15-23
Tensile Strength, N/mm ²	1.5-2.0
Maximum Allowed Distortion	25%
Service Temperature	-50°C to +180°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® 394 Non - Corrosive Neutral Cure Silicone Sealant is a one-part, low odour, professional grade sealant that offers excellent adhesion, weatherability and compatibility with wide variety of substrates. It can be used to meet a variety of sealing and bonding needs.

BOSS® 394 as excellent adhesion to glass, glazed surfaces, concrete, galvanized steel, anodized aluminum, UPVC, wood, ceramics, painted surface and many plastics.

Benefits

- Non-Corrosive
- Neutral cure/low odour
- Low modulus
- Excellent adhesion to vinyl, wood, steel, aluminum, glass and plastic
- VOC Compliant
- Permanently flexible
- Waterproof/weatherproof

How to use

BOSS® 394 Neutral Non-Corrosive Silicone 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 72°F (22°C) and 50 percent relative humidity, the sealant forms a tack-free skin in 30 minutes. Tooling is not practical after this skin forming begins and should be completed within 5-10 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.

Limitations

- Applications involving prolonged sub-mersion in water, including aquariums
- Surfaces that require painting

BOSS[®] 394 NEUTRAL SEALANT

- Totally confined spaces, as sealant needs atmospheric moisture for curing
- Not suitable for structural glazing

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.

Caution

DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOUR 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 the original unopened containers at or below 80°F (27°C), BOSS[®] 394 has a shelf life of 12 months from date of manufacturing. 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 roof line of the warehouse or storage building.

Packaging

BOSS[®] 394 Neutral Non-Corrosive Silicone is available in 280ml standard caulking cartridges.

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.

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.

Accumetric Silicones Pvt Ltd

No. 16/1, Corporation Road, Seevaram, Perungudi,
Chennai - 600 096, Tamil Nadu, India.
Customer Support: +91 44 4026 0345 - 60
indiasales@bossproducts.com
www.bossproducts.in