



BOSS® 395 AF

TECHNICAL DATA	
Uncured	
Density**	1.02 ± 0.02(g/ml)
Colors	Travertine, Mushroom, Slate Gray, Magnolia, Off White
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	>700%
Durometer Hardness, Shore A, points	16-22
Tensile Strength, N/mm ²	1.6-2.0
Maximum Allowed Distortion	23%
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® 395AF is a neutral Antifungal, Food-Grade Silicone Sealant which vulcanizes on exposure to moisture in the air at room temperature, to produce a flexible elastomeric sealant. It is suitable for all common construction and glazing application. It is easy to apply and offers excellent adhesion to a variety of non-porous substrates such as glass, glazed ceramic tiles and aluminium. It is resistant to ozone, ultra-violet radiation and temperature extremes.

BOSS® 395AF is ideal for use in areas prone to mildew formation such as around showers, tubs, and plumbing fixtures in high humidity areas and the cured sealant is mould & mildew resistant. It also performs as an excellent adhesive on non-porous surfaces where an elastic gap-filling bond is required. It has a non-sag rheology and can be applied to vertical surfaces.

BOSS® 395AF is also an FDA-certified 'Food-Grade' material that makes it ideal and safe for sealing in kitchens such as arounds sinks, kitchen cabinets etc.

Benifits

- Non-Corrosive
- Neutral cure/low odour
- Medium modulus
- Excellent adhesion to vinyl, wood, steel, aluminium, glass and plastic bathtubs closets, wash basin, etc
- VOC Compliant
- Permanently flexible
- Waterproof/weatherproof

How to use

Applying the Material – Tack-Free Time BOSS® 395AF 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 75°F (24°C) and 50 percent relative humidity, the sealant forms a tack-free skin in 15-20 minutes. Tooling is not practical after this skin forming begins, and

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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, it should be removed before the tack-free skin forms.

Limitations

- Applications involving prolonged submersion in water, including aquariums
- Surfaces that require painting
- Totally confined spaces, as sealant needs atmospheric moisture for curing
- Not recommended 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.

Packaging

BOSS® 395AF Antifungal, Food-Grade Silicone is available in standard 300 ml caulking cartridges.

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® 395AF has a shelf life of 12 months from the 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 roofline of the warehouse or storage building.

Specifications

BOSS® 395AF is in compliance with specifications of FDA CFR 21 177.2600. It meets performance requirements of FDA for use in establishments operating in the food and pharmaceuticals industries.

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 maybe 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.



TECHNICAL
DATA SHEET

BOSS[®]
PRODUCTS



BOSS[®] 395 AF

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