

**BOSS® 395 AF****TECHNICAL DATA**

Basis	Polysiloxane
Consistency	paste
Curing System	Moisture curing
Density, @23°C	1.02 ± 0.02 g/ml
Skin Formation Time* (23°C/50% R.H.)	4-10 min
Curing Rate * (23°C/50% R.H.)	2.5-3 mm/24 hours
Flow, Sag or Slump (mm)	NIL
Hardness, Shore A, Points** ISO 868	18-25
Tensile Strength**ISO 37	1.2-1.8 N/mm2
Elongation** ISO 37	>500 %
Temperature Resistance**	-40 °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® 395AF is a neutral, anti fungal, food-grade silicone sealant that vulcanizes upon exposure to moisture in the air at room temperature. It forms a flexible, elastomeric seal suitable for both interior and exterior applications. It is ideal for all common construction and glazing uses.

Properties

- 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
- Excellent adhesion
- FDA certified food grade material

Applications

- 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.
- Excellent adhesion on non-porous surfaces where an elastic gap-filling bond is required.

Packaging

Colour: Black, clear, magnolia, mushroom, off white, slate grey, travertine & white.

Packaging: 300 ml caulking cartridges.

Storage & 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.

Substrates

Substrates: All usual building substrates, no pvc, not suitable for concrete.

Nature: Rigid, clean, dry, free of dust and grease.

Surface preparation: Porous surfaces should be primed with Primer. No primer needed for non-porous substrates. There is no adhesion on PE, PP, PTFE (Teflon®) and bituminous substrates. We recommend a preliminary adhesion test on any substrate.

Joint dimensions

Min. width for joints: 5 mm

Max. width for joints: 30 mm

Min. depth for joints: 5 mm

Recommendation for sealing jobs: joint width = 2 x joint depth



BOSS® 395 AF

Application method

Apply the product by means of a manual, battery or pneumatic caulking gun. Apply BOSS® 395AF evenly without air inclusions into the joint. Smoothen the joint with a spatula with the help of finishing solution. Avoid that soapy solution comes between the joint edges and sealant (to prevent adhesion loss).

Health and Safety Recommendations

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.

Remarks

- 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

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.

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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