



BOSS® 388 WEATHER NEUTRAL SILICONE SEALANT

TECHNICAL DATA

Basis	Polysiloxane
Consistency	Stable paste
Curing System	Moisture curing
Density*	
Clear	0.98 ± 0.01 g/ml
Color	1.36 ± 0.02 g/ml
Skin Formation* (23°C/50% R.H.)	5-10 min
Tack Free Time* (23°C/50% R.H.)	>10 min
Curing Rate * (23°C/50% R.H.)	2-3 mm/24 hours
Flow, Sag or Slump	NIL
Hardness, Shore A, Points** (ISO 868)	25-35
Tensile Strength** (ISO 37)	0.8 - 1.5 N/mm2
Elongation**(ISO 37)	>300 %
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® 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.

Properties

- 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 odour, Non-Corrosive to metal
- Weatherproof/ waterproof
- UV resistant

Applications

BOSS® 388 is ideally suited for weatherproofing, water-proofing, 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.

Packaging

Colour: Clear, light grey, black, white, light brown, brown, bronze

Packaging: 280 ml cartridges & 600 ml sausages.

Storage & 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 manufacturing.

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.



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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

Application method

Apply the product by means of a manual, battery or pneumatic- caulking gun. Apply BOSS® 388 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

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

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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