

PREMIUM ACRYLIC CAULK

Description

Premium Acrylic Caulk is one-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

Properties & Features

- Its siliconized structure, makes it possible to handle movement up to 15%,
- Water based & Non-toxic,
- Very low VOC content,
- Water-proof after curing,
- Over paintable,
- Very easy to apply and clean,
- Can be used on all porous surfaces such as brick, concrete, wood etc.
- No odor.

Fields of Application

- Sealing of low movement joints between various construction materials (wood, concrete, brick etc.).
- Filling cracks in walls and on ceilings.
- Sealing joints between windows, walls, doors etc.

Directions for Use

Cleaning and joint preparation: Substrates must be sound quality, clean, dry and free of dust, grease, rust and other contaminants which may affect the adhesion. Non-porous surfaces (such as aluminum, glass, etc.) must be free of any coatings and should be cleaned with a suitable solvent and thoroughly dried with a clean cloth. Porous substrates (such as concrete, brickwork, etc.) must be mechanically cleaned from loose particles or residues with a jet of compressed air, sandpaper or hard brush. Mask off joint edges with self-adhesive tape as protection from contamination.

Backing material: Use a polyethylene bond breaker tape or backer rod to adjust the joint depth to proper width/depth ratio and to avoid three side adhesion which restrict the movement capability of the sealant. Backer rod must be at least wider 25% than the joint width.

Sealant application: Recommended application and surface temperatures: +41 °F and +95 °F. Cut nozzle to obtain desired bead size. Apply the sealant as evenly as possible by using professional caulking gun.

Tooling and finishing: Tool the joint surface with a smoothing tool ensuring the sealant a full contact to the sides and backup material into the joint before skin formation. Remove the masking tapes immediately after smoothing over the surface of the sealant.

Cleaning: Uncured product may be easily removed with damp sponge. Cured product must be removed mechanically. Hands can be cleaned with warm water and soap.

Remarks & Restrictions

- Should not be applied for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

Product Information

Packaging	10.5 Fl. Oz./ 310 ml
Shelf Life	18 months
Storage	At cool and dry ambient. In between +41°F to +77°F.

Technical Data

Uncured Sealant	Method / Conditions	Value
Basis		Acrylic Dispersion
Density	ISO 1183-1	13.8 ± 0.2 lb/gal
Skin Formation Time	Internal (73°F and 50% R.H)	50 - 20 min
pH		7 – 8
Drying Rate	Internal (73°F and 50% R.H)	Min. 0,08"/day
Cured Sealant		
Shore A hardness	ISO 868	30 – 50
Elongation at break	ISO8339	≥%300
Service temperature	Ambient and surface	Between +14°F and +176°F
Application temperature	Ambient and surface	Between +41°F and +104°F

Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Disclaimer

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.