

Technical Data Sheet

WE-FIX DUCT ACRYLIC SEALANT		
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Product Description

WE-FIX Duct Acrylic sealant is a high performance sealant designed for used in heating and air conditioning system. WE-FIX Duct Acrylic sealant provides excellent strength, flexibility and resistance to heat and cold, forming a seal against air leakage. WE-FIX Duct Acrylic sealant cures to tough sealant and remains flexible at low and high temperature.

Features and Performance

- Easy to use
- Paintable
- Non cracking
- Non sag
- Excellent adhesion properties



**SOUTHBOUND
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Typical Properties

Properties	Test method	Specifications
Chemical Base	-	Water based Acrylic
Appearance	Lab Test	Smooth and Homogenous paste
Color	Lab Test	White, Grey
Specific gravity	ASTM D 1475	1.68 ± 0.02
Skin formation	ASTM C 679	10 min
Full curing time	Lab test	14 days
Hardness	ASTM D 2240	50-60
Flow properties	ASTM C 639	Non-sag
Service Temperature	-	5 to 90 °C
Application Temperature	-	10 to +40 °C

Note: * Curing time (Skin formation) may vary depending on climatic condition during application.

* Special color orders may require lead time and minimum order quantities

Typical Uses

- Sealing duct works
- Sealing HVAC systems
- Sealing around ventilation grills
- Crack filling
- Sealing pipe joints

Packaging

WE-FIX Duct Acrylic sealant is available in standard caulking cartridges, buckets and drums

Usage Instructions

WE-FIX Duct Acrylic sealant can be used with normal caulking guns. Application surfaces should be clean, dry sound and free from all contaminants that is Dust, rust, grease etc. Cut the nozzle at an angle and apply the sealant with a hand or air operated cartridge gun. Tool immediately to spread the sealant against all surfaces and give a smooth finish. Excess material should be cleaned off tools and non-porous surfaces while it is in the uncured state using a wet cloth.

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Cure Timee

The curing time of WE-FIX Duct Acrylic sealant is affected by atmospheric conditions like relative humidity and temperature, degree of confinement and thickness of the sealant. Curing time increases with thickness. The application in confined spaces generally lengthens the curing process. It is possible that in total confinement the curing will not be complete and this will result in the softening of the sealant in elevated temperatures. Metal to metal bonds should not overlap more than one inch.

Paint ability

A minimum of 2 hours dry time is required before painting with latex or oil based paint. Allow extra dry time during periods of high humidity.

Caution

Direct contact with uncured sealant irritates eyes and may irritate the skin. Over exposure to vapour may irritate nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hand. In case of eye contact, flush eyes with plenty of fresh water for 15 minutes and obtain medical attention. In case of skin contact, remove from skin and flush with water and Obtain medical attention. Consult Material Safety Data Sheet (MSDS) to know more about handling and safe usage. Keep out of reach of children

Storage and shelf life

Store in cool dry place, not over 25°C away from direct sun light and source of heat, don't allow freezing. WE-FIX Duct Acrylic sealant has a shelf life of 12 month from the date of manufacturing if stored in original unopened container. In places where high heat and humidity are present, special precautions must be taken. Store product in a covered, well ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity condition may reduce shelf life by around 30%. Follow First In First Out strictly.