



Star Acryseal

(Duct Sealant)

DESCRIPTION

STAR ACRYSEAL is fire retardant, aqua based, vapor barrier sealant for low, medium, and high pressure or high velocity- metal, fiberglass and flexible heating and air conditioning air ducts. It is specially formulated to meet Middle East weather condition. It is highly elastic in nature. It has excellent adhesion to metal, aluminum, etc. This exhibits excellent strength, flexibility and resistance to heat and cold. It performs as tough and flexible adhesive and sealant, forming a durable seal against air leakage.

STAR ACRYSEAL does not contain Asbestos, Lead, Mercury or Mercury Compounds.

PHYSICAL & CHEMICAL RESISTANCE

Highly resistant to mold, mildew, water, extreme temperature changes and aging. Resistant to oil or grease and mildly resistant to diluted alkalis and acids.

CONFORMS TO

ASTM C-411 (Hot Surface Performance of High Temperature Thermal Insulation)

ASTM C-732 (Aging Effects of Artificial Weathering on Latex Sealants)

ASTM D- 2202 (Slump Test)

CAUTION

Crystalline Silica. Eye contact may cause irritation. Prolonged skin contact may cause irritation. No expected harmful effects from inhalation of vapors.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>30°C). Shelf life is up to 12

Warning the product contain Crystalline Silica. Long-term inhalation may cause lung effect.

APPLICATION

STAR ACRYSEAL applies to clean, dry, oil-free and sanded surface (To clean surface use power blower). Apply by power extrusion or trowel uniformly a 2" wide coat over the joint @ 2 to 2.2 gallon/100 ft². Total coverage 40-55 ft²/gal. Allow the completed joint to dry at least 24 hours above 25°C before pressure testing. High humidity (over 70%) and or cooler temp. may retard drying. Total WFT to be 30-35 mils

POWER EXTRUSION

STAR ACRYSEAL may be applied using a wide variety of power extrusion equipment suitable for use with water base sealants. It is a soft creamy with a typical viscosity. Always use corrosion resistant equipments.

CLEANING

Clean with warm water and soap when wet. Mineral spirits when dry.

WARNING

STAR ACRYSEAL is recommended only for industrial purpose, please keep out of reach of children

PACKING

STAR ACRYSEAL is available in 455 gram cartage, 4 kg plastic bucket and 20 kg plastic pail. months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging.

STAR ACRYSEAL

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Star Adhesive & Resin Ind. Factory

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HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

INHALATION: Inhalation of vapor or mist should be avoided. If inhaled symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

EYE CONTACT: Flush eyes with water for 15 minutes and call for medical help.

INGESTION: causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

SKIN CONTACT: Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

TECHNICAL DATA

Base	Synthetic resin
Color	White/Grey
Appearance	Smooth paste, free of particles
Density	1.6 ± 0.5
Tack free time, minutes	4-8
Viscosity Flow ASTM C 639	Non-Sag
Application temp.	Min 5°C
Flash Point	Non flammable
Bead Consistency	Non-Sag bead free of air bubbles
Adhesion on Ceramic, Concrete, Mild steel	Good

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.

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