



# STAR ACRY SEAL

DS 32-17

## Product Data Sheet



### DESCRIPTION

**STAR ACRYSEAL** is an aqua based, vapor barrier sealant for low, medium and high pressure or high velocity – metal, fiberglass and flexible heating and air conditioning air ducts, forming a durable seal against air leakage.

### APPLICATION

- HVAC Application
- It is also used as an adhesive to metal, aluminum, Ceramic, Concrete, mild steel, etc.
- Conforms to ASTM C-411 (Hot Surface Performance of High Temperature Thermal Insulation)
- Conforms to ASTM C-732 (Aging Effects of Artificial Weathering on Latex Sealants)
- Conforms to ASTM D-2202 (Slump Test)
- It does not contain Asbestos, Lead, Mercury or Mercury compounds
- It can be applied using a wide variety of power extrusion equipment suitable for use with water base sealant.

### ADVANTAGES

- Non-Flammable
- Excellent adhesion & High strength
- Highly resistance to extreme temperature changes and aging.
- Suitable to Middle East climatic condition
- Highly resistance to mold & mildew
- Highly Elastic
- Resistance to oil or grease
- Mildly resistance to diluted alkalis and acids

### DIRECTIONS FOR USE

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

### STORAGE:

- Store under cover, protect from direct sunlight and high temperature (> 30°C).
- Shelf life is up to 12 months in unopened container when stored as directed.

### TECHNICAL SPECIFICATION

Base	Synthetic resin
Color	White / Grey
Appearance	Smooth paste
Density, kg/L	1.65 -1.75
Viscosity Flow (ASTM C 639)	Non- Sag
Service Temperature, °C	+ 5 °C - +85°C
Bead Consistency	Non-Sag bead free of air bubbles
Cleaning	Clean all tools with warm water & soap when wet. Mineral spirit when dry.

### 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.

### 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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