

# Product Data Sheet



## STARFIX VB-95

**Single Component, Tough-High Quality, Liquid Applied, Fire-Resistive, HVAC Outdoor Duct Coating**

### Uses:

- Ideal for the use over external HVAC Duct, ASJ, FRK and FSK Jackets.
- Insulation – Protection Scrims & Membranes + Board/Material Facings, Sealing of Joints, Laps and Weld Pin Punctures
- External Protective Coating HVAC Ducts
- STARFIX VB-95 is compatible with Fibrous-, PU/PIR-Foam Insulation Material

### Product Description

STARFIX VB-95 is a finishing coating for the protection of outdoor thermal insulation. It contains resins and selected polymers to provide an excellent vapor barrier for low temperature insulation on tanks, pipework, vessels and HVAC Components. Furthermore, it provides outstanding weather barrier protection, showing good color retention, excellent chemical resistance, and durability. It has excellent resistance to UV and sunlight.

### Advantages

- Tough, Flexible elastomeric product
- Non-Toxic & Non Flammable
- High Strength & Water-resistant.
- Antifungal & Antibacterial
- High UV-Resistance
- Outstanding weather barrier & Insulation protection

### Standard Compliance

- ASTM
- BS

### Technical Properties

STARFIX VB-95	Typical Values & Laboratory Conditions
Base	Synthetic Resin & Selected Fillers
Available colors	White
Viscosity, Cps @ 25 °C, S6, rpm 20	40,000 – 50,000
Solid Content, % @ 150 °C, 30 min.	59 – 65
Density, kg/ltr	1.20 – 1.40
Coverage, m2/ltr	4.0 – 5.0
Service Temp, °C	-25 to +120
Application Temp, °C	5 to +45

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## Application

Apply STARFIX VB-95 a brush, roll, or airless spray machine. Priming is usually not required.

STARFIX VB-95 should be applied only to clean dry and oil free substrates.

Container should be closed when not in use.

Application usually follows 3 steps:

1. Tack Coat at a rate of approx.. 1.2 m<sup>2</sup>/ltr
2. Thermal Insulation (Lagging) has to be embedded immediately in the wet material. The fabric has to be smoothed out for the avoidance of wrinkles & seams should overlap 5 cm
3. Thereafter Immediately apply another coat at a rate of approx.. 0.625 m<sup>2</sup>/ltr.
4. After the first two coats have set (approx.. 24 hours) apply an additional coat at a rate of 1.2 l/m<sup>2</sup>. = proposed minimum dry film thickness of 1.2mm.

The dry Film Thickness varies with the selected fabric or substrate.

## Curing Time

Set to Touch: 3 Hours

Dry Through: 18 - 20 Hours

## Cleaning:

Remove STARPROOF WF AC-600 product from tools, equipment, and mixers with clean water before the initial set. Cured material can only be removed mechanically.

## Packing & Coverage:

Product	Pack Size	Theoretical Coverage
STARFIX VB-95	24 Kg pail	1.0-1.7 m <sup>2</sup> /ltr per coat = Wetfilm thickness of 0.6 – 1.0 mm

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastage.

## Shelf Life & Storage:

The original sealed container of STARFIX VB-95 and has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

## Limitations:

- STARFIX VB-95 should not be applied at ambient temperatures below 5°C and dropping.
- Store and apply between 4°C and 38°C, protect from freezing until dry.
- Always test foil and paper facings for acceptable adhesion before using.

If any doubts arise concerning application or substrate conditions, consult the STAR office

## Health & Safety:

STARFIX VB-95 contains an acrylic polymer that can be harmful to the skin. During use, avoid contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection, and respiratory protective equipment. The use of barrier cream provides additional skin protection. In case of skin contact, rinse with plenty of clean water, cleanse with soap and water. In case of contact with the eye, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately – do not induce vomiting.

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## Additional Information:

STAR manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product sections:

1. **Waterproofing Products**
2. **Sealants, Grouts, and Joint Fillers**
3. **Adhesives**
4. **HVAC – Adhesives, Coatings & Sealants**
5. **Flooring Products**
6. **Industrial Adhesives (i.e. Paper Industry)**
7. **Accessories**

STAR Technology provides various technical information such as detailed method statements, specification clauses, application manuals and technical support both in contractors and consultant's offices as well as construction sites.

For further information on these products and systems kindly visit our website or contact your local STAR representative