

# Product Data Sheet



## STARFIX 30-60

Single Component, Tough-High Quality, Liquid Applied, HVAC Duct Coating

### Uses:

- Duct Coating for Duct Thermal Insulation Materials
- Thermal Insulation and Overlap Adhesive
- Protective Coating for Insulation on AC Ducts
- Seal and Protection of AC Ducts

### Product Description

STARBOND UL 30-36 is a non flammable tough, washable, abrasion-resistant, indoor coating for thermal insulation on AC Ducts. It is also used as a insulation fabric and joint adhesive for canvas and glass lagging cloth. It has excellent working characteristics, good coverage and more uniformly coated surfaces. It presents a neat white finish and will not yellow or become discolored with age.

### Advantages

- Flexible elastomeric product.
- Non-Toxic & Non Flammable
- High Strength & Water-resistant.
- Antifungal & Antibacterial
- Easy to maintain.

### Standard Compliance

- ASTM D 1640-03

### Technical Properties

STARFIX 30-60	Typical Values & Laboratory Conditions
Base	Synthetic Resin & Selected Fillers
Appearance	White
Drying Time (ASTM 1640-03)	3 – 4 h
Density (ASTM D1475)	1.38 1.46 Kg/ltr (approx..)
Service Temperature Limits – Temp at C	Temperature at Coated Surfaces up to 112 C
Wet Flammability	No flash to boiling - 100°C
Viscosity, Cps @ 25 °C	30,000 – 50,000
Solid Content	60 – 64
Coverage m <sup>2</sup> /ltr @ 150 -210 mic DFT	3.0 – 5.0
Bonding Time, min @ 20 °C, 50% RH	45

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## Application

Apply STARFIX 30-60 by a brush, roller, or airless spray machine. Priming is usually not required.

STARFIX 30-60 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.. 1.0 – 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.. 1.5 – 1.7 m<sup>2</sup>/ltr.

The dry Film Thickness varies with the selected fabric.

The protective coat can be Top Coated with water based paints - But the Test reports should confirm suitability.

### Curing Time

Set to Touch: 2 Hours

Dry Through: 15 Hours

### Cleaning:

Remove STARFIX 630-60 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 30-60	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 30-60 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 30-60 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 30-60 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.

STARFIX 30-60 is non-flammable.

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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