Product Data Sheet



STARFIX SCA 35-45

One Component, Non-Flammable, Synthetic Rubber & Solvent Based Multi-Purpose Sprayable Contact Adhesive

Uses:

- Advanced formula for bonding a wide range of materials and substrates, such as Sponge, Cloth, Boards (any type), thin leather, paper and insulation materials

Product Description

STARFIX SCA 35-45 is a Sprayable high quality solvent based contact adhesive formulated for easy application by spraying to bond a wide range of materials It has excellent bond strength, high heat resistance and outstanding economy of use. This adhesive is especially developed for the use in hot and tropical conditions.

Advantages

- Excellent Adhesion and High Strength, especially on curves
- Excellent bonding to porous and Non porous surfaces
- Quick drying and setting time
- Excellent Heat resistance
- Extremely low odor
- Non-Flammable
- Excellent Tack
- Toluene Free

Standard Compliance

ASTM D 903

Technical Properties

STARFIX SCA 35-45	Typical Values @ Laboratory Conditions
Physical Appearance	Free Flowing, Low Viscous Adhesive
Color	Clear Dark Brown
Viscosity, Cps (ASTM D2196)	150 - 300
Solid Content, % (ASTM D2369)	30 - 36
Density, kg/L (ASTM D1475)	Approx.. 1.10
Coverage, m^2/kg	5 – 7
Open Time, min	1 - 2
Drying Time, min	3 - 5

Technical Product Data Sheet – STARFIX SCA 35-45

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Application

Surface Preparation

The surface should be clean, dry, sound and free from oil, grease and wax contamination or others.

Application

STARFIX SCA 35-45 should be applied on clean, dry, oil-free and sound (To clean surface use power blower or Industrial vacuum) surfaces.

STARFIX SCA 35-45 should not be additionally thinned.

STARFIX SCA 35-45 is designed for use with all conventional solvent spray equipment using suction feed or pressure pot equipment. Recommended minimum pressure is required to give optimum bond strength. Alternatively application can be by roller or brush.

Spray Application:

1. Drain the water accumulated in the air compressor and pipes, and Remove impurities on the surface of the material;
2. The spray gun is about 10 -50 cm away from the surface of the material, and the air pressure of the spray gun is about 6 – 8 kg;
3. When spraying glue, the spray gun should move as smoothly as possible to spray evenly without lack of glue or accumulation of glue

When spraying glue, the spray gun should move as smoothly as possible to spray evenly without lack of glue or accumulation of glue. The glue layer should not be too thick or too thin.

After spraying, it should be left to air for 1 – 5 minutes. The open time varies reasonably according to the room temperature, humidity, and material.

When bonding, start bonding from the edges around at the beginning. Slowly press towards the middle. The performance increases through proper and even pressurization.

There is no special requirement for specific pressure - all cases use sufficient pressure to ensure 100% contact between the materials is achieved.

Curing

STARFIX SCA 35-45 is set to tough within 1h after application and Dried Through within 24h.

Limitations

When using other than STAR products in conjunction with STAR primers, sealers, leveling compounds, or adhesives, STAR denies any and all responsibility for any ensuing problems and/or damages without prior written authorization from STAR.

This adhesive will maintain its integrity and performance even when higher levels of moisture are present, it does not qualify as a moisture inhibitor. Not suitable for areas with excessive topical moisture (i.e. melting snow, repeated flooding, pressure washing).

Cleaning

Remove **STARFIX SCA 35-45** from tools and equipment with STAR Solvent before the initial set. Cured material can only be removed mechanically.

Packing & Coverage

STARFIX SCA 35-45 18 ltr pails.

Product	Pack Size	Theoretical Coverage
STARFIX SCA 35-45	18 ltr pail	Subject to type of surface and nature of material being bonded 5 – 7 m²/Kg

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 Pail of **STARFIX SCA 35-45** has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35ºC.

Health & Safety

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

For detailed information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological, and other safety-related data.

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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	