

Product Data Sheet



STARFIX FA A-37

One Component, High Performance, Non-Flammable, Synthetic Resin - Water Based Adhesive

Uses:

- Flooring materials, such as Vinyl Coverings, Vinyl Tiles and Carpets
- Water based Adhesive to adhere various materials to Thermal Insulation such as XPS, EPS or Polyurethane Foam
- Usable for most Porous and Non-Porous Surfaces

Product Description

STARFIX FA A-37 is a single component, inflammable commercially attractive, water based adhesive designed for the interior adhesion of Flooring materials. **STARFIX FA A-37** is based on very special type of synthetic resin, with additives, tackifier and fine grade mineral filler. It is water based adhesive and compatible with most substrates.

Advantages

- Economical
- Quick Setting
- Non-Flammable and Environmentally Safe
- Excellent adhesion & High strength
- Excellent bonding to Vinyl (VCT, LVT, SVT, LVP, VET), Rubber Flooring and Carpet Tiles materials (EVA, PP, PU)
- Suitable for under floor heating installations (however the heating should be switched off at least 48 hours before and after the installation of floor coverings)

Standard Compliance

ASTM F1482-21
Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring

Technical Properties

STARFIX FA A-37	Typical Values @ Laboratory Conditions
Physical Appearance	Thixotropic Fine Textured Adhesive
Color	Beige
Viscosity, Cps	30,000 – 40,000
Solid Content, %	70 - 77
Density, kg/L	1.25
Coverage, m ² /kg	3 – 4 m ²
Open Time, min	5 - 15
Flash Time, min	25 - 30
Non-Volatile Content	< 120 g/L



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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 FA A-37 should be applied on clean, dry, oil-free and sound (To clean surface use power blower) surfaces.

Sub Floor Preparation

Depending on the type and condition of the subfloor, a mechanical treatment (e.g. mechanical brushing, grinding, or sanding) may be required. The intensity of such work must be determined at the site by the installer. Dust, paint, residual adhesives, or other surface contaminants must be removed by suitable means.

Cleaning the surface with an industrial vacuum cleaner is recommended.

Cracks and gaps must be filled with concrete crack filler unless they are expansion joints.

Level when necessary to 3/16 inches within 10 feet.

Heated subfloors, gypcrete, wooden subfloors, levelers, patches, and lightweight concrete must be primed.

Fast curing cementitious leveling or patching compounds might reduce the flash and work time of water-based products due to absorption.

Installation Procedure

Spread the adhesive with the appropriate notched trowel. Avoid excessive adhesive thickness by passing the trowel evenly through the adhesive at a 45- degree angle.

Observe the appropriate flash time (if applicable).

Lay the flooring into the adhesive, correctly position it and press down firmly.

Be sure to check the back of the flooring to ensure a good adhesive transfer from subfloor to flooring is achieved. Roll flooring approx. 15-30 min. after installation with a 75-100# roller, if recommended by the flooring manufacturer.

Push down raised edges approx. 30-60 min. after installation.

STARFIX FA A-37 should not be thinned.

Cleaning

Remove **STARFIX FA A-37** from product from tools and equipment with warm water before the initial set. Cured material can only be removed mechanically.

Packing & Coverage

STARFIX FA A-37 is packed in 12 Kg and 20 Kg pails.

Product	Pack Size	Theoretical Coverage
STARFIX FA A-37	12 or 20 Kg pail	Subject to type of surface and nature of material being bonded 3 - 4 m2/l

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 FA A-37** has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

Limitations

To resist wash off, allow at least 12-15 hours drying time above 4°C, with a relative humidity of 50%. Higher humidity or lower temperatures may retard drying.

Always test foil and paper facings for acceptable adhesion.

If used between impermeable surfaces, drying time will be extended.

Use within Flash Time ONLY.

Health & Safety

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

STARFIX FA A-37 is not considered hazardous.

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