Product Data Sheet



STARTURF 500

One Component, High Strength, Synthetic Rubber & Solvent Based Contact Adhesive for Artificial Grass / Turf

Uses:

- Especially formulated to bond Artificial Turf / Grass to various substrates
- Internal and External Applications on Porous and Non Porous Surfaces

Product Description

STARTURF 500 is a commercial-grade adhesive ideal for indoor and outdoor landscaping & Synthetic grass / turf installations. **STARTURF 500** has excellent all-weather resistance with superior bond strength and can be used for full spread and seaming installations.

Advantages

- Green Color (Aid in hiding and clean up)
- Economical
- Excellent Water and Chemical resistance
- Excellent adhesion & High strength
- Resistant to heat, moisture and detergent
- Aggressive Initial Tack

Standard Compliance

ASTM D 903

Technical Properties

STARTURF 500	Typical Values @ Laboratory Conditions
Physical Appearance	Free flowing Adhesive
Color	Green
Viscosity, Cps	6,000 – 7,000
Solid Content, %	52 - 58 %
Density, kg/L	Approx.. 0.99
Coverage, m²/kg	3.0 – 5.0
Open Time, min	5 - 10
Drying Time, min	60

Technical Product Data Sheet – STARTURF 500

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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

STARTURF 500 should not be additionally thinned.

Unroll and acclimate synthetic turf as per manufacturer's written instructions, to allow for reductions of internal tensions caused by packaging and transport.

Brush/Trowel:

Use a clean Paintbrush or Trowel. Uniformly, apply to the surfaces at approx.. coverage 3 – 5 m²/Kg. Observe the Open Time and assure complete contact is made with applied adhesive.

Bond may be made after observing the evaporation time within 10 to 15 minutes.

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 roller, if recommended by the flooring manufacturer. Push down raised edges approx. 30-60 min. after installation.

Curing

STARTURF 500 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 **STARTURF 500** from tools and equipment with STAR Solvent before the initial set. Cured material can only be removed mechanically.

Packing & Coverage:

STARTURF 500 is packed in 12 Kg pails or 200 Kg drums.

Product	Pack Size	Theoretical Coverage
STARTURF 500	12 Kg pail or 200 Kg Drum	Subject to type of surface and nature of material being bonded 3 – 5 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 **STARTURF 500** 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	