

T BOND - TECHNICAL DATA SHEET

Type: Tackyfier Adhesive

Description

T BOND is a water-based, non staining, low odor, solvent free, acrylic polymer, emulsion-based surface tackifier containing a blend of high quality dispersions and water. It is odorless when dry and permanently tacky. It is giving permanent tacky bond for the floor coverings with felt, bitumen, PVC and other polymer backings underlay's like, Duralay Durafit & System Ten, Tredaiare Technics & Terra Firma, . It is also suitable for use over normal under floor heating systems as well.

Recommended Use

T BOND is an ideal

- Product designed for adhering floor coverings specially carpet tiles with felt, bitumen, PVC and other polymer backings to existing smooth floors and underlay's to sub-floors when using a release bond underlay system. It may also be used at a low coating weight as a release system to allow easy removal of a floor covering when required.
- Suitable for surfaces like raise access floor panels, concrete, Cementitious screeds, asphalt, terrazzo, chipboard, hardboard, plywood, smoothing compounds and existing floor coverings, e.g. .thermoplastic tiles, PVC or linoleum.
- Suitable for use where there are under floor heating installations (surface floor temperature must not exceed 27°C). However heating should be switched off at least 48 hours before and after the installation of floor covering.

Features

T BOND is a high performance product with

- Permanent Tacky
- Excellent Adhesion and high Strength
- Washable and Water Resistant
- Non Toxic and Non Flammable
- UV Resistant
- Antibacterial and Antifungal

Form Supplied White Color Thick Liquid

Specification

Property	Value	Unit of Measurement	Method
Specific Gravity	1.0±0.05	Kg/Lt.	ASTM D 1475-98
Viscosity (SP6, RPM20)	10000-15000	cPs	ASTM D 2196
Flash Point	>100	°C	ASTM D 93
VOC Content	Very low	g/Lt.	ASTM D 2369-98

Other Data*

Coverage	10-12	m ² /lt (Subject to surface you are applying)
Service Temperature	40-70	°C

Surface Preparation

Ensure the subfloor is clean, sound, dry and free from contaminants that may hinder adhesion, including surface hardeners and additives. It should also have an effective damp proof membrane. The subfloor should be tested in accordance with International Standards, using a properly calibrated and insulated hygrometer. A reading of 75% RH or less confirms that the subfloor is satisfactorily dry.

Application Procedure

In order to achieve an overall release bond, **T BOND** should be applied by soft brush, roller or trowel over the entire floor area and allowed to dry to a clear, transparent, tacky film. Once clear, the tiles should be laid into position, ensuring that no air is trapped. Alternatively, adhesive can be applied to the back of the tiles and left to dry to a clear, tacky film prior to bonding. On porous surfaces a permanent bond can be achieved by laying into wet adhesive. However, doing so onto non-porous surfaces (especially metal) will result in moisture entrapment and possible rusting of the metal access panels.

Packaging

5 Kg Pail / 20 kg Pail / 200 kg Drums

Storage

SHELF LIFE up to twelve month from manufacturing date, if stored below 25C
Store under cover, protect from direct sunlight and high temperature (> 300 °C)
Failure to comply with the recommended storage conditioning may result in premature deterioration of the product or packaging.

Cleaning

Clean with warm water and soap when wet. Mineral spirit, when dry.

Health & Safety

As with all chemicals, caution should always be exercised.

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