

T BOND - TECHNICAL DATA SHEET

Type PVC & Vinyl Tile Adhesive

Description

T BOND is an acrylic / water-based, low odor, solvent free, emulsion-based floor covering adhesive containing a blend of high quality dispersions, mineral fillers and water. It has excellent permanent tack and exceptional grab, with very good early and long term adhesive strength.

Recommended Use

It is recommended for Bonding of:

T BOND is a versatile product suitable for both homogenous and heterogeneous vinyl floorings. It is also suitable for use over normal under floor heating systems. It is designed for adhering PVC sheets, Wall and floor Vinyl tiles, foam backed vinyl, and linoleum type of vinyl floor sheets coverings.

It is recommended to use on hard, clean, dry, sound and smooth sub-floors such as concrete, sand/cement screeds, latex and water-based leveling and smoothing compounds, terrazzo, ceramic, marble, plywood, hardboard, flooring grade chipboard etc.

Features

Excellent Bonding and Peel off Strength
 Moisture Insensitive
 Quick Setting
 Excellent Coverage
 Heat Resistant
 Non Flammable

Form Supplied Thixotropic Paste (Light Yellowish Color)

Specification

Property	Value	Unit of Measurement	Method
Specific Gravity	1.30±0.05	Kg/Lt.	ASTM D 1475-98
Viscosity (SP7, RPM20)	30000-55000	cPs	ASTM D 2196
Flash Point	>100	°C	ASTM D 93
VOC Content	15-23	g/Lt.	ASTM D 2369-98
Water Permeance	1.3	Perms	ASTM F 1249

Other Data*

Appearance	White Thixotropic Paste
Service Temperature	-18° C to 120°C
Chemical Resistance	Excellent
Cure Film	Flexible, Tough
UV Resistivity	Excellent
Insulation Properties	Excellent
Coverage	3 to 4 m ² /L (subject to surface and substrate)

Surface Preparation

The surface should be structurally sound, clean, dry, leveled and free from dust curing compounds grease and other loose debris according to BS 8203

Application Procedure

Apply T BOND uniformly on the substrate using a fine trowel, brush or roller. Allow T BOND to cure for approx. 15-20 minutes before laying the floor covering. Special Note: It is essential to ensure good contact between the floor covering and adhesive. Bonding over existing floor coverings should be avoided. Clean any excess adhesive with water immediately. Do not allow adhesive to dry.

Mixing

In case of dilution with water, dilute with 15 to 20% of clean water and mix with suitable mixer in temperature range of 16° C-40° C.
Special Note: Normally dilution is not recommended due to its setting time, type of surfaces and climatic conditions.

Packaging

20 Kg Plastic Pail, 5 kg Plastic Pail

Storage

SHELF LIFE up to eight month from manufacturing date, if stored below 25 °C
SHELF LIFE up to twelve month from manufacturing date, if unopened 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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