



Technical Data Sheet

Bostik Ultraset DX

Quick Setting Controlled Foaming Timber Flooring Adhesive

Description

Bostik Ultraset DX is a single pack, semi rigid, controlled foaming, quick set, moisture cured polyurethane adhesive. When fully cured, this adhesive provides a very strong bond with excellent resistance to water. **Bostik Ultraset DX** is designed for bonding porous to porous or porous to non-porous substrates

Features

- Expands to fill minor voids in uneven surfaces.
- Very high bond strength.
- Fast set.
- Single pack, no mixing
- Good wet grab and initial bond
- Good economical coverage up to 22m²

Recommended Uses

- A high-strength adhesive for bonding timber flooring to timber and concrete subfloors.

Application Instructions

Application:

Surface Cleanliness & Substrate Soundness

All surfaces must be clean, dry and sound, free of voids, loose materials and contaminants (curing compounds, oil, grease, waxes, sealers, coatings, previous adhesive etc.) Presence of waxes and sealers which are not easily seen on or in the surface are indicated if water splashed onto the concrete does not quickly and freely soak into the surface. Complete removal of any contamination, such as previous adhesive, sealers, waxes and oils must be carried out where it is suspect or evident. Surface preparation may be achieved by diamond grinding, shot blasting, sand blasting or by captive abrasive blast cleaning (Blastrac).

Concrete slabs should be built in accordance with Residential Footings and Slabs Code AS2870-1996.

Strip Flooring

Grind the concrete to remove high spots, surface contaminants and weak surface layers. Use a straight edge to check for flatness. Repair all holes and surface defects before installation. If a levelling compound is required use Bostik recommended products. Please contact Bostik for further information.

Ultraseal Vapour Barrier

- Designed to prevent moisture migration through the slab to levels that will not cause swelling or cupping of the Timber flooring.



- As a preventative measure, it is recommended that all ground floor slabs be coated with **Ultra Seal Vapour Barrier** as moisture levels within the slab can vary over time. (Refer to current **Ultra Seal Vapour Barrier** Tech Data Sheet for detailed application instructions).
- Always carry out moisture tests to determine suitability.
- Only one coat of Ultraset Vapour Barrier is normally required. However a second coat will be needed if the concrete is very porous or if after application the concrete has a moisture content > 5.0% (moisture meter), an in slab relative humidity > 70% (hygrometer test) or the rate of water vapour transmission from the slab > 15g/m²/24 hrs (calcium chloride test).
- Ensure that a wet film thickness of > 300 µm is achieved.
- New concrete must be cured until the moisture content of the slab is less than 5.5% and the rate of water vapour transmission from the slab less than 15g/m²/24 hrs. (Calcium Chloride Test). The time to achieve this is normally at least 28 days.

Coverage

Coverage will depend on substrate conditions.

Approx. 22m² per 16 Kg pail when used with Bostik DX Flat Notch Trowel.

Application

Apply with a suitable trowel (Bostik DX Flat Notch Trowel available for maximum coverage) with triangular notches 6mm high and 5mm wide at 20mm centre spacing. Application rate is usually approx 1 – 2m² per litre depending on finish and porosity of surfaces. Lay timber overlay or strips directly over the adhesive placing vertically in place. Do not slide the piece into position. Apply weights or fix to maintain downward pressure for a minimum of 3 hours. Allow any ‘squeeze-out’ to dry before removing with a sharp blade. Do not try to remove the ‘squeeze-out’ before it dries as this will spread the adhesive over the surface and is very difficult to remove. **Bostik Ultraset DX** expands slightly thus filling irregularities in the substrate.

IMPORTANT NOTES

Once opened **Bostik Ultraset DX** will begin to cure. Replace lid during use to extend working life as far as practicable. Optimum storage life will be achieved by replacing foil inner sheet.

Clean-Up

Cleaning solvents such as mineral spirits, Shellite, or paint thinners or Bostik Handy Wipes can be used to remove excess. This should be done immediately for optimum results. Care should be taken to prevent any reaction or damage to prefinished timber coatings.

Bostik Co-operative Test Program

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

Properties

Open Time	45min @ 23°C
Appearance	Brown Thixotropic Paste
Lap Shear Strength timber to concrete (1mm thickness)	> 1.5Mpa

Storage & Shelf Life

Up to 12 months in good warehouse conditions at temperatures between +15°C and +25°C unopened in sealed container. Once opened, the storage life is reduced.

Safety Precautions

SEE THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)

MSDS can be downloaded from www.bostik.com.au



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Warranty

Your purchase of this product is subject to Bostik's standard terms and conditions of sale. The representation and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price. All other warranties whether express or implied, including without limitation, any warranty of merchantability of fitness of purpose are expressly disclaimed unless prohibited by law or given in writing by Bostik for a specific project.

Product Details

ITEM NO	ITEM NAME	SIZE
381799	BOSTIK ULTRASET DX	16KG
332623	BOSTIK DX Flat Notch Trowel	26mm x 6mm x 5mm

The information in this Technical Data Sheet is intended for the assistance of purchasers and is of a general nature. It reflects the extent of our knowledge and experience of our products and is based on tests which we believe to be reliable. However, no guarantee of accuracy can be given due to the wide range of surfaces, environmental and field conditions and variations encountered in raw materials, manufacturing equipment and methods at the place where the work is performed. Some of these will be beyond our knowledge or control. We recommend purchasers carry out their own tests to determine the suitability of the product for their particular purposes. Bostik Australia Pty Ltd limits its liability to replacement of the products or refund of the purchase price, but this limitation does not affect consumers' rights which cannot by law be excluded.

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Enquires:



Quality endorsed ISO9001 (Thomastown site)
TS16949 (Automotive)

Product: Bostik Ultraset DX
Issue Date: September 2015
Issue No: 1
Author: ADP
Division: Flooring
Total Pages: 4