
ULTRASET SF

SOLVENT FREE POLYURETHANE TIMBER FLOOR ADHESIVE

DESCRIPTION

One part solvent free polyurethane elastomeric adhesive formulated to adhere most types of wood, parquet, strip and sheet timber flooring systems to leveled concrete and timber substrates, or over existing floors.

RECOMMENDED USES

Adhering Parquetry to concrete or timber subfloors
Adhering bamboo and prefinished flooring to concrete or timber subfloors
Strip flooring to concrete or timber subfloors

FEATURES AND BENEFITS

- Solvent free formulation
 - No mixing, ready to use
 - One component
 - Flexible
 - Easy to spread
 - Will not re-emulsify when in contact with moisture
 - Tested to ASTM C794 for peel adhesion to various species of Australian Hardwood
 - Non flammable
 - Recommended adhesive by major timber manufacturers
 - Excellent acoustic properties
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PRECAUTION

- Bostik Ultraset SF should not be applied over any acrylic or PVS primer or sealer.
 - Do not apply Bostik Ultraset SF on a dense finished concrete surface without prior abrading or sanding back the surface to obtain mechanical key. Refer to a Bostik Technical Sales Representative.
 - If Bostik Ultraset SF is to be used in conjunction with Bostik Ultralevel SL then ensure that none of the Bostik Ultralevel Primer is left exposed. Bostik Ultraset SF will not adhere to the Bostik Ultralevel Primer, whenever the primer is applied the Bostik Ultralevel SL must be applied over or the excess primer removed prior to the installation of Bostik Ultraset SF.
 - Requires atmospheric moisture to cure properly. It should not be used in totally confined or air free spaces.
 - Timber flooring systems should be acclimatised to the relevant environment to prevent excessive expansion/shrinkage causing failure of the floor system. (Refer timber manufacturer's installation procedures).
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This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz

- Bostik Ultraset SF is not a waterproofing membrane and should not be used for waterproofing a substrate.
 - Bostik Ultraset SF should not be installed on wet, contaminated or friable surfaces.
 - Bostik Ultraset SF should not be exposed to water and alcohol based cleaners before it has completely cured.
 - Bostik Ultraset SF must be fully cured prior to sanding. Allow a minimum of 24 hours. Variations in temperature and humidity affect curing rates.
 - Bostik Ultraset SF is suitable for installation over acoustic underlay.
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PROPERTIES

Typical properties after 7 days cure at 25°C and 50% RH

Colour	Brown
Appearance	Smooth Paste
Cure System	Moisture
Tack Free Time	Approx 4 hours
Cure Rate	1.5 – 2mm/day
Full cure (1mm film)	Approx 24 hours depending on temperature and relative humidity
Hardness	Approx 52 Shore "A"
Tensile Modulus at break	2.3N/mm ²
Specific Gravity	Approx 1.31

COVERAGE

Approx. 1.3 to 1.4 m/L² depending on substrate conditions and "V" notch trowel size. A 3 to 4 mm "V" notch trowel is recommended.

MIXING

No mixing is required, simply use directly from pail or sausage.

APPLICATION

Substrate Preparation

- All surfaces must be clean, dry, free of voids, curing compounds, loose materials, oil, grease and sealers.
- The substrate should be level to within 3mm measured over a 3 metre straight line. If this is exceeded, level the area with Bostik Ultralevel SL (Refer to the current Bostik Ultralevel SL Technical Data Sheet for detailed application instructions).
- All surfaces must be structurally sound before application.
- Where previous adhesives (PVA or bituminous adhesives) or contamination (waxes, coatings etc) is suspected or in evidence, thorough removal of all such contamination must be carried out.
- Concrete slabs should be built in accordance with Residential Footings and Slabs Code AS2870-1996.

Moisture Seal

Designed to prevent moisture migration through the slab, which can cause swelling or cupping of timber flooring.

- In any case where the concrete slab has a moisture content of greater than 5.5%, or in slab relating humidity exceeds 70%, apply Bostik Moisture Seal. (Refer to current Bostik Moisture Seal Tech Data Sheet for detailed application instructions).

- As a preventative measure, it is recommended that all ground floor slabs be coated with Bostik Moisture Seal as moisture levels within the slab can vary over time. (Refer to current Bostik Moisture Seal Tech Data Sheet for detailed application instructions).

Ultralevel SL / NP PRIMER

To be applied after Moisture Seal. If the Concrete substrate is uneven and requires leveling prior to the application of Timber Flooring, Bostik recommends the use of Bostik Ultralevel SL/ NP Primer. (Refer to current Tech Data Sheets for detailed application instructions)

APPLICATION

Apply a single coat of Bostik Ultraset SF using a 3-4mm "V" notch trowel. Spread the Bostik Ultraset SF evenly using a "V" notch trowel and set flooring material with enough pressure to ensure full contact between the Bostik Ultraset SF and the timber until full cure of the Bostik Ultraset SF is achieved minimum 24 hours. The best method to achieve this contact is by weighting or pinning the floor as required.

PLEASE NOTE: A MINIMUM OF 80% COVERAGE OF BOSTIK ULTRASET IS REQUIRED ON THE BACK OF EACH INDIVIDUAL PIECE OF TIMBER.

PACKAGING

Ultraset SF is available in 15 litre pails and 600ml sausages.

STORAGE

Stored in original sealed container under cover in dry conditions, Bostik Ultraset SF Timber Flooring Adhesive has a shelf life of 12 months in original unopened containers if stored between 5°C and 30°C.

CLEANING

Cleaning Solvents such as Mineral Spirits, Shellite, Paint Thinners or Bostik 9907 Solvent Blend 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.

HEALTH & SAFETY

On contact, uncured sealant causes irritation. Gloves and protective goggles must be worn during application and use. Contains Isocyanates <1%

Do not handle until all safety precautions have been read and understood.

For more detailed information refer to the Safety Data Sheet. Safety Data Sheets may be downloaded from www.bostik.co.nz.

For medical advice, call National Poison Centre 0800 764 766 or contact a doctor

FIRE

Bostik Ultraset SF is non-flammable.

VERSION

V1 – Localisation 29 November 2011