



Technical Data Sheet

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 timber floors.

FEATURES

- ✓ 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.
- ✓ Australian made.
- ✓ Zero VOC

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

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

- All surfaces must be clean, dry, and 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 exceeding this level the area with **Bostik Ultralevel SL** (Refer to 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 is evident, thorough removal of all such contamination must be carried out. Concrete slabs should be built in accordance with Residential Footings and Slabs Code AS 2870-2011.

MOISTURE SEAL

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

- In any case where the concrete slabs has a Moisture Content of greater than 5.0% or in slab relating humidity exceeds 70%, apply **Bostik Moisture Seal**.
- As a preventative measure, it is recommended that all ground floor slabs be coated with Moisture Seal as moisture levels within the slab can vary over time. (Refer to current **Bostik Moisture Seal** Technical Data Sheet for detailed application instructions).



BOSTIK ULTRALEVEL SL / NP PRIMER

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

MIXING

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

APPLICATION

Apply a single application of **Bostik Ultraset SF** using a 3 to 4mm"V" notch trowel. Evenly spread the **Bostik Ultraset SF** with 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 Ultraset SF is achieved minimum 24 hours. **PLEASE NOTE: A MINIMUM OF 80% COVERAGE OF ULTRASET IS REQUIRED ON THE BACK OF EACH INDIVIDUAL PIECE OF TIMBER.**

COVERAGE

Approx. 1.3 to 1.4square metres per litre depends on substrate conditions and"V" notch trowel size. A 3 to 4 mm "V" notch trowel is recommended.

IMPORTANT NOTES

- **Bostik Ultraset SF** should not be applied over any acrylic or PVA primer or sealer.
- Do not apply **Bostik Ultraset SF** on a dense furnished concrete surface without prior abrading or sanding back the surface to obtain mechanical key. Refer to a Bostik Technical Manager.
- 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).
- **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 temperature and humidity affect curing rates.
- **Bostik Ultraset SF** is suitable for installation over acoustic underlay.

BOSTIK CO-OPERATIVE TEST PROGRAM

Bostik offer a service in which a program has been established to eliminate potential field problems by pretesting 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

Colour/s	Brown
Appearance	Smooth Paste
Specific Gravity	1.31 Approx
Flammability	Non Flammable (contains no solvent)
Tack Free Time	Approx 4 Hrs @ 25°C 50% RH

Cure System	Moisture
Cure Rate	1.5 – 2.5mm/ Day
Hardness	Shore A Approx 52
Tensile Modulus at break	2.3 N/mm2
Full Cure (1mm film)	Approx 24 hrs Depending on temp & relative humidity.

Bostik Ultraset SF

STORAGE & SHELF LIFE

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.

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

VOC – <2 g/Lt

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CLEAN-UP

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.

PRODUCT DETAILS

ITEM NO	ITEM NAME	COLOUR	SIZE
265152	ULTRASET SF	BROWN	15L
260738	ULTRASET SF	BROWN	15L
262463	ULTRASET SF	BROWN	600ML
311960	ULTRASET SF	BROWN	300ML



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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Quality endorsed ISO9001 (Thomastown site)
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