

Dribond

Ultrathane

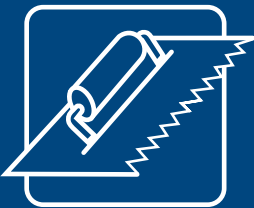
Packaging



Mixing



Application



Uses



Substrates

Concrete,
Structural
Timber

One-pack flexible moisture curing polyurethane adhesive

DESCRIPTION

ULTRATHANE is a one-pack, solvent-free, polyurethane adhesive of medium viscosity that cures on exposure to atmospheric moisture to form a durable flexible adhesive.

FEATURES

- No mixing required.
- Easy application – medium viscosity with good hold-up qualities.
- Low odour.
- Excellent acoustic properties.
- Excellent adhesion to a variety of substrates.
- Water resistant.

USES

A one-part moisture cure polyurethane adhesive for bonding timber flooring and parquetry to either concrete, ACOUSTIFLOR or structural timber floors, new or existing.

Performance Data

Tensile Strength ASTM 412 (Mpa)	2.5
Elongation at Break (ASTM 412 (%))	150
Tack Free Time (minutes)	90-150
Rate of cure (approx.)	3mm in 24 hours

COVERAGE (Approximate)

Sausage covers 0.8m², 10L covers 10-12m².

Specification

The timber flooring adhesive will be a flexible moisture cure one-pack solvent free polyurethane with a minimum tensile strength of 1.5Mpa such as **Ultrathane** manufactured by Construction Chemicals and shall be applied in accordance with the manufacturers application instructions.

SURFACE PREPARATION

Substrates must be structurally sound, clean, dry and free from oil, grease, laitance dust and all other contaminates. Concrete floors must be 25Mpa or greater and have a moisture content below 5.5% as per ASDR99463 Sept 1999. Mechanically abrade/dustless shot blast contaminated floor. Apply **Epecrete** (moisture/vapour barrier/primer) and check that the surface

moisture is below 5.5% before laying timber. Allow **Epecrete** 24 hours @ 23°C 50 % relative humidity to dry.

APPLICATION

Apply in temperatures between 5-30°C and relative humidity must be greater than 40%, using the appropriate spaced V notch trowel (i.e. 4mm V notch for parquetry, 6mm V notch at 10mm spacing or similar for timber) in a well ventilated area using protective clothing and gloves. Adhesive coverage must be a minimum of 80%.

Concrete floors out of level 3mm in 3 metres must be levelled with **Level Floor**.

Trowel the adhesive with appropriate trowel so that the ridges are 90° to the direction of the boards. Do not place and slide the boards across the adhesive as this method flattens the adhesive ridges and may result in a poor bond.

Do not spread more adhesive than can be used in 20 minutes. If a film forms on the adhesive, remove and discard the product and reapply new adhesive. Clamp or hold down the timber until the adhesive has initially set (approx 4 hours). Full cure occurs in 7 days at 23°C @ 50%RH, the floor can be walked on lightly in 24 hours. Do not sand/coat the floor for 48 hours.

CLEANING UP

Uncured **Ultrathane** may be removed from tools and equipment with mineral turpentine. Once cured, the material can only be removed mechanically.

CURE TIME Approximately 3mm in 24 hours, depending on temperature and humidity.

STORAGE & HANDLING

Store between 5-30°C in shaded, dry conditions. Seal opened containers immediately after use. Shelf life 9 months in an unopened container from date of manufacture.

FURTHER INFORMATION

Further information for this product is contained in the MATERIAL SAFETY DATA SHEET.

**CONSTRUCTION
CHEMICALS**

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 ● **DARWIN** PH: (08) 89471811
 ● **PERTH** PH: (08) 9356 9999
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 ● **MELBOURNE** PH: (03) 9761 4711
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www.constructionchemicals.com.au

"The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the user's sole responsibility to ensure suitability for a specific purpose."

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