

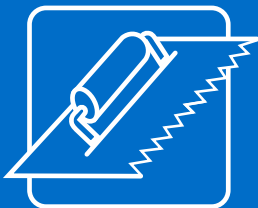
PACKAGING



MIXING



APPLICATION



USES



SUBSTRATES

**CONCRETE,
STRUCTURAL
TIMBER**

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 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)

10 Litres/13-16m² using a 3 to 4mm V-notched spreader, over a true surface.

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 contaminants. 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, using the appropriate spaced V notch trowel 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 2 metres or 5mm 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 @ 50RH, 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.

SHELF LIFE

1 year.

FURTHER INFORMATION

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



- **ADELAIDE** 135 CORMACK RD (Cnr Davis St) WINGFIELD 5013 PH: (08) 8243 7888 FAX: (08) 8243 7800
- **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
- **MELBOURNE** 11 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
- **PERTH** 11 COLLIE ST WELSHPOOL 6106 PH: (08) 9356 9999 FAX: (08) 9356 9955
- **SYDNEY** 31-33 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534
- **AUCKLAND** 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236
- **KUALA LUMPUR** LOT 2 JALAN KECAPI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING 40000 SHAB ALAM PH: (603) 5122 2522 FAX: (603) 5122 2526

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