

# TUFFLOOR PUD CLEAR

## AUG 22

**DESCRIPTION:** A clear, non-yellowing water based polyurethane for timber floors, bench tops and other timber substrates in moderate use areas.

**TYPICAL USES:** Finishing of timber floors and work surfaces, where stain resistance, abrasion resistance and durability are required. Ideal replacement for older solvent based floor coatings such as moisture cured polyurethanes. TUFFLOOR PUD CLEAR does not have strong solvent odours and can be safely applied without having to vacate or ventilate painted areas. Quick drying, TUFFLOOR PUD CLEAR can have 2 coats applied in a day and can be walked on without shoes in 3 hours.

**PERFORMANCE:** Provides a tough, flexible finish, in gloss or satin, which brings out the richness and natural beauty of timber. For heavy traffic areas use TUFFLOOR WB 2K PU.

**LIMITATIONS:** Do not apply if the air or surface temperature during application and drying is likely to fall below 10°C or when humidity is above 85%.

TUFFLOOR PUD CLEAR Satin may settle – Stir thoroughly before use.

#### TECHNICAL DATA:

Resin:	Polyurethane
Solvent:	Water
Finish:	Gloss (75%+ @ 60°) Satin (30-35% @ 60°) Clear
Colour:	Clear
Touch Dry (minimum):	60 minutes @ 20°C
Recoat Time (minimum):	4 hours @ 20°C
Primer:	
Number of Coats:	2-4
Wet Film Thickness:	83-100 microns at 10-12 m <sup>2</sup> /litre
Dry Film Thickness:	26-32 microns at 10-12 m <sup>2</sup> /litre
Durability:	Very good
Thinning and Clean Up:	Water
VOC:	78 g/litre
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

#### SPREAD RATE:

Theoretical Coverage: 10-12 m<sup>2</sup>/litre/coat.  
Coverage depends on surface profile and porosity.

#### COMPUTER CODES:

TUFFLOOR PUD CLEAR GLOSS	56-4705.01, .04, .10
TUFFLOOR PUD CLEAR SATIN	56-4305.01, .04, .10

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Freedom from patent restrictions is not implied.

# TUFFLOOR PUD CLEAR

## **SURFACE PREPARATION:**

Refer to COTEC Specification for full preparation and application information. To ensure a successful application all surfaces to be coated must be clean, dry and stable.

All cracks and joints need to be treated as appropriate to suit the situation. Do not expect paint to bridge moving cracks/joints successfully. Ensure surfaces are free from dust, oil, grease, and any surface contamination.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advice.

## **NEW TIMBER (FLOORS):**

New freshly sanded flooring can be coated directly without the use of a sanding sealer. TUFFLOOR PUD CLEAR can be used in areas of light traffic.

SANDING SEALER is recommended prior to top coating to assist in achieving maximum adhesion and also to ensure that any grain raising is sanded out at this stage allowing the topcoat to be applied more easily.

## **PREVIOUSLY COATED TIMBER (FLOORS):**

Ensure surfaces are free from dust, oil, grease, and any surface contamination.

All coatings should be removed back to bare timber. Trying to recoat over areas of previous clear coating and areas that are back to the bare timber will result in a "light and dark" patchy appearance.

If paint strippers are used to remove old coatings, they will need to be thoroughly washed off and the timber allowed to dry.

If the existing coating is sound and being recoated to "freshen up" then hard sand with 100# to an even matt surface and recoat.

## **NEW TIMBER OR TIMBER VENEER (OTHER THAN FLOORS):**

It is recommended that SANDING SEALER is first applied, to seal the surface. This should be allowed to cure for the appropriate time, and then sanded back to a smooth, flat uniform finish. All sanding residues should be thoroughly removed. Grain filling should be done by applying several light coats of SANDING SEALER with sanding (150-180#) in between.

Apply 2-4 coats of TUFFLOOR PUD CLEAR, sanding (220-250#) lightly between coats.

## **APPLICATION:**

**BRUSH:** Use a good quality brush. Apply a liberal coat and do not over work the paint. TUFFLOOR PUD CLEAR will flow out well so leave the coating to do so once applied. Flooring can best be coated using a wide (300mm) speed brush and pouring the clear onto the floor then spreading to an even film. Once spread do not go back and re-work as the product will flow and settle on its own.

**ROLLER:** Use a 6-10mm nap dacron roller, or similar.

**SPRAY:** Recommend an airless unit. Pressure 2,500psi max and a tip 515 or larger. Do not apply heavy coats but rather spray "wet on wet" until a good film build is achieved. If a heavy final coating is required then allow the first coat to dry, sand and apply the next coat. Repeat this process until the coating thickness has been achieved.

**NOTE:** In hot or dry weather it may be necessary to ease the TUFFLOOR PUD CLEAR with water (up to 10%) to slow down the initial set up. Test a small patch first and if it is difficult to brush or spread out, add water until it reaches a good working consistency. Product may settle. Stir thoroughly with a wide paddle prior to application.

## **THINNING & CLEAN UP:**

Maximum thinning 10%. Clean up in water. Use a small amount of detergent to aid clean up.

## **ENVIRONMENTAL:**

This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.

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