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Date Issued: 12 Jan, 2021

TIMBERCLEAR TUFF

Water Based Finish for Timber

Product Line: 122

Product Code: 12201; 12204; 12210.

Description

TIMBERCLEAR TUFF is a Low VOC transparent, water borne exterior finish for timber decks, doors, windows and garden furniture. TIMBERCLEAR TUFF is formulated to retain the natural timber appearance of highlighting the timber grain whilst giving maximum protection against ultraviolet degradation and fungal discolouration.

TIMBERCLEAR TUFF is based on highly durable polyurethane modified resin matrix and combines the protection of proven UV absorbers for the harsh Australian conditions. TIMBERCLEAR TUFF remains permanently flexible, accommodates the dimensional changes of timber, and resists cracking, peeling and fungi.

TIMBERCLEAR TUFF is suitable for all popular timbers including Cedar, Meranti, Jarrah, Merbau/ Kwila, Brush Box, Tasmanian Oak, Teak, Tallow-wood, Cypress Pine and Oregon. Dense and waxy timbers such as Merbau, Tallow-wood, Spotted Gum, Merbau/ Kwila, Cypress Pine, Oregon and Teak should be cleaned with a quality timber cleaner such as Luxury Timber Wash to remove resinous components. Follow the package directions.

Timbers such as Redwood, Western Red Cedar and Meranti should be coated as soon as possible to guard against fungal penetration, UV degradation or excessive moisture pick-up resulting in potential loss of adhesion of coatings.

TIMBERCLEAR TUFF is lightly pigmented which will alter the colour of light coloured timbers. Users should satisfy themselves by trialing a small area first, that any colour change is acceptable.

Special features include:

Exterior durable, permanently flexible acrylic based.

Convenient single pack application.

Highlights timber grain giving a subdued sheen.

Enriches the natural timber colour -refer note below regarding light coloured timbers.

Water based cleanup and environmentally friendly.

Surface Preparation

All surfaces must be well prepared and free from dirt, oil, grease and other contaminants. Previously painted, stained or oiled surfaces require complete stripping back to bare timber.

Weathered, bleached, mould affected and bare areas should be cleaned with a quality timber cleaner following the instructions for that product. Mould and fungi affected timbers must be treated with an anti-mould treatment prior to the application of Timber Clear Tuff.

Timber used in humid, tropical and/or subtropical areas or mould susceptible areas such as shaded areas should be treated with a sterilizing solution to treat mould spores, fungi and algae.

Where external timber has completely greyed in colour then the timber should be rejuvenated either by sanding or using a propriety timber cleaner. All moss, algae, lichen etc must be completely removed using chlorine bleach or a propriety mould treatment and power washing. Use according to package directions.

For maximum protection, use 3 coats of Timberclear Tuff straight on to timber



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Application

Exterior timber

TIMBERCLEAR TUFF may be applied to either rough sawn or dressed timber.

Apply one coat by brush, applicator or spray and allow a minimum of 4 hours to dry. If applied by spray, the wet Timberclear Tuff must be backbrushed along the grain to penetrate the timber pores. Apply two (2) liberal coats of TIMBERCLEAR TUFF to all exposed end grain.

Apply two (2) coats of TIMBERCLEAR TUFF by brush, spray or applicator allowing a minimum of 2 hours between coats depending on conditions. A maximum recoat interval of seven (7) days should not be exceeded. Differences in colour and effect may result from the natural variation in the absorption characteristics of the timber or uneven application.

Ensure all exposed end grain is well coated to minimize water penetration.

Dressed timber may be coated using a quality synthetic or natural bristle brush, spray or mohair/ lambswool applicator soaked in TIMBERCLEAR TUFF. Care should be taken during application so as not to leave application marks in the wet coating. Layoff along the direction of the grain. It is recommended to pre-wet applicators prior to use and to wash them out regularly during application. Note: Applicators generally apply a relatively thinner coating than brush or spray, in these cases a third coat is recommended so as to achieve the correct film application thickness for satisfactory long coating service life.

Best results are obtained by avoiding thick coats and applying multiple thin coats.

Restoration:

When the timber has faded to a pale colour, worn edges appear on the timber or water is not beading on the surface, simply clean the surface and re-apply TIMBERCLEAR TUFF to the clean, dry surface. Severely weathered surfaces need additional treatment as per above.

Previously painted surfaces

Previous painted, stained or oiled surfaces need to be completely stripped back to bare timber. Then treat as for new timber.

Application Method

Stir contents of can thoroughly with a wide flat stirrer ensuring the bottom of the can is reached. Apply 1 full coat of TIMBERCLEAR TUFF by brush, spray or mohair/ lambswool applicator. If spray application is used then the wet coating **MUST BE BACKBRUSHED** to ensure wetting of the timber pores etc. Failure to backbrush the spray applied coating will result in premature adhesion failure of the whole coating system.

Brush/ Mohair or Lambswool Applicator

Apply TIMBERCLEAR TUFF straight from can. Use a wide, quality synthetic or natural bristle brush. Dip mohair or lambswool applicator in TIMBERCLEAR TUFF. Spread coating evenly and maintain a wet edge.

Note: Applicators generally apply a relatively thinner coating than brush or spray, in these cases a third coat is recommended so as to achieve the correct film application thickness for satisfactory long coating service life.

Spray

Suitable for application by all standard spray equipment. This is the preferred application for rough sawn timber. Back brush applied wet material to ensure complete wetting of the timber.

Thinning

Not usually required, however it may be thinned sparingly with water.

Cleaning

Clean all equipment promptly with warm soapy water.



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Approximate Coverage

Rough sawn timber: Approximately 4 – 8 square metres per litre per coat.
Sawn timber: Approximately 8 – 12 square metres per litre per coat
Dressed timber: Approximately 12 – 14 square metres per litre per coat.

These coverage rates are subject to variation between timber species.
These recommended coverage rates should not be exceeded, as insufficient coating would have been applied resulting in a shortened coating life.

Drying Times

Approximate drying times at 25°C and 50% Relative Humidity.

Touch Dry: approx. 1 hour.
Recoat: 2 hours minimum to 7 days maximum.

Drying times may be extended by adverse drying conditions or very high film build. In cool or humid conditions allow overnight drying between coats. Full curing approximately 14 days.
Do not sand between coats.

Additional Information

TIMBERCLEAR TUFF is water based. Use with adequate ventilation. Wear protective gloves if using an applicator.

Do not apply TIMBERCLEAR TUFF if rain or condensation is expected within 4 hours.

Do not use steel wool or standard nails on external timber. All steel particles must be removed prior to coating to prevent staining of the timber under wet conditions.

Do not apply at temperatures less than 10°C or when temperatures are above 30°C. Do not apply TIMBERCLEAR TUFF in full sun. A wet edge must be maintained at all times to prevent unsightly lap marks. When coating boards, the full length of the board should be coated in the one application otherwise unsightly lap marks will be evident.

Windows and doors may need to be propped open until coating has fully dried to avoid sticking. Garden furniture such as seats and tables should be fully cured or at least hard dry before being used. Chair legs, table legs etc should have soft plastic tips where contact with the dried film occurs. Sharp edges and hard chair or leg ends may damage the coating during use.

VOC: Approximately 35 grams/ litre.

TIMBERCLEAR TUFF is NOT suitable for use around constantly wet areas such as swimming pools, spas and interior timber floors.