



QUANTUM TIMBER FINISHES - *PRODUCT DATA SHEET*

Timber Preparation * * * * ALL timbers require cleaning

Softwoods

Softwoods don't require weathering but must be cleaned prior to coating using a cleaner – DEX PREP and a power wash.

This removes any extractives on the surface of the timber and aids the penetration and drying time of the finish.

This system is also necessary to remove Mill Glaze on the surface of the wood (smooth shiny surface caused by machining) as this, if not removed will cause adhesion failure.

Hardwoods

Australian Hardwoods and Rainforest Timbers require weathering and cleaning before coating; four to six months is the ideal weathering period. When this has taken place, a cleaner - DEX PREP and a power wash is required to clean any residual extractives from the surface. We do not advise sanding on decking timbers as this can liven up the oils on the surface of the timber and inhibit drying and curing of coating.

Note: *Hardwoods from the northern states have been treated for Lyctid Borer with Boron based or ACO treatments which tend to form a surface contaminant on hardwood.*

This treatment needs to be removed from the surface or else drying problems will occur when coating.

If weathering time is impractical, a clean using Sap-Strip and a power-wash is necessary to strip the sap from the timber and then a clean with DEX PREP to return the timber to a normal pH.

Examples of timber cleaned and uncleaned



Before cleaning

10 minutes later after cleaning

With the uncleaned section, water sits on the surface. Once cleaned, penetration takes place giving the coating the adhesion necessary. Drying problems are eliminated when the surface is clean of all contaminants.

Coverage Rate

Work out square meterage – multiply length by width of area to be painted and then divide this number by the coverage rate. Multiply by three for the three coats required for a **durable** finish.

Example

Coverage rate = 8 litres

Decking area to be coated of 6 metres by 5 metres = 30 square metres

Divide this number by coverage rate - 30 divided by 8 and multiply by 3 = 11.25 litres

Therefore 12 litres of timber finish is required to complete the job.