



Quantum Timber Finishes Product Data Sheet

EcoDex



- Description:** EcoDex is fast drying, durable, water repellent, oil based wood finish manufactured to protect your timber deck from the harsh Australian environment. **Correct application procedure and the right amount of material will result in maximum life.**
- Preparation:** Suitable for most timber.
All timber needs to be cleaned prior to application to prevent early adhesion failure and also help with the drying time. Tannins and resins in the timber contaminate coatings hence early adhesion failure and water sensitivity. We recommend cleaning with Quantum Sap-Strip and a power wash. If sanding is necessary, use a fine grit and clean after using Quantum Sap-Strip. In humid or mould susceptible areas, apply Quantum TS12 after cleaning and preparing with either Sap-Strip or Dex Prep and before applying EcoDex. **Refer to Quantum Decking System available on web.**
- Application:** Apply by brush, roller or spray.
Do not apply in temperatures below 16°C or above 30°C. Misting deck lightly with water before application during hot dry weather will help the EcoDex penetrate into the timber. Stir thoroughly before and during application. After cleaning, apply liberally along lengths of the boards doing no more than 2 or 3 at a time, maintaining a wet edge to prevent lap marks.
Two coats can be applied easily in the same day allowing a recoat time of 3-4 hours between coats. A third coat applied in the days or weeks following will give your coating a greater lifespan.
Drying time of first coat is 4-6 hours, subsequent coats 3-4 hours in 20°C conditions. Light foot traffic within 12 hours. Regular maintenance is essential.
- Previously stained/oiled timber in poor condition:** EcoDex will adhere to most stable coatings. A fine sand and wash down with Dex Prep to make sure the coating is sound (not flaking) is necessary to quay the product to the previous coating. Make small cuts in the previous coating to test adhesion with sticky tape is a good idea if unsure. If no coating adheres to the tape after pressing tape firmly and ripping off you should be safe to proceed.
Then apply as new timber, 1 or 2 coats as required. The finish will settle to final appearance 3-5 weeks as the coating cures. EcoDex will not go over a painted surface.
- Spraying:** Airless spray recommended 313-315 tip, 1000 - 1400 P.S.I. tip pressure, use normal protection, i.e., mask, overalls, watch your over spray! Wash off with soap and water before it dries. Back brushing is recommended for a more uniform coverage.
- Coverage:** This will depend on the porosity of the timber. To calculate the approx. coverage for 3 coats allow 1 litre per 3 sq metres. Variation occurs with different wood species.
- Clean up:** Wash brushes and tools in soap and water.
- Environment:** Quantum Timber Finishes do not use mineral spirit products in manufacturing hence all Quantum products are low in VOCs. **VOC <40g/litre**
The entire range is free of hazardous air pollutants (HAPS).