

DRYDEN

HydraCoat

WATER
BASED
STAIN

Dryden Waterborne Deck & Hardwood Stain

Data Sheet

Features General Description

Dryden HydraCoat Deck & Hardwood Stain is a water-borne, breathable oil modified polyurethane stain formulated for all types of exterior decking, hardwoods and soft. The penetrating semi-transparent finish delivers excellent UV resistance combined with water repellence and special anti-mould properties.

Colours: — Standard

A range of popular tones in natural wood colours. Not available in clear.
Recommended for: Exterior and interior decks, handrails, pergola's etc.

Physical Properties

Resin Type:	Oil modified Polyurethane
Solvent:	Water
Colour:	Range of oxide based semi-transparent colours
Finish:	Low Sheen
Drying Time:	2-3 hours
Recoat Time:	Immediate, wet on wet
Dry Film Thickness:	Not applicable
No. of Coats:	1 or 2 depending on depth of colour required
Theoretical Coverage:	4-12m ² per litre depending on type of timber and porosity
Primer Needed:	No
Thinning & Cleaning:	Thinning not required, clean up with water when wet, mineral turps when dry

Performance:

- ✓ Excellent penetrating properties
- ✓ High UV protection
- ✓ Excellent water repellent properties (water beading)
- ✓ Contains special long-term anti-mould additives
- ✓ Fast drying
- ✓ Can be used on all exterior grade bare timber

Limitations:

- As a result of water repellent properties a 2nd coat may take much longer to dry, may not key and finish may separate if not applied wet on wet. If 2nd coat is required after drying (after 3 days), light sanding is recommended and possibly a wash with Dryden Surface Cleaner, we recommend a test patch prior to confirm suitability.
- Previously painted or varnished timber must be sanded back to bare wood.
- Do not apply heavy coats (like Varnish) or allow pooling, as excess product application can cause failure.
- Do not apply if temperature is expected to fall below 5°C or dew is expected within 3 hours of application.
- Part used cans have a limited life and can alter appearance.

PRODUCT INFORMATION

Substrate Preparation:

New Timber:

- It is recommended that all hard woods and high resin content timbers be weathered for a minimum of 4 weeks before staining. Regular rinsing with water will assist with weathering.
- LOSP treated timber must not be coated until the chemicals in the treatment process have evaporated from the timber, refer LOSP timber manufacturer's Data Sheet.
- Hard shiny surfaces on new timber must be sanded to allow full penetration of Dryden HydraCoat Deck & Hardwood Stain.

Previously Stained or oiled timber:

- These may be re-stained following suitable cleaning and preparation.
- Ensure existing stained or oiled surfaces are receptive to Dryden HydraCoat Deck & Hardwood Stain by checking absorbance by splashing water on to the surface. If the water beads on the surface or is not quickly absorbed the original stain must be removed or a patchy finish will result.
- Patchy and unsound surfaces must be stripped to bare wood before staining.

All Timbers:

- Ensure all surfaces are cleaned and free from dirt, wax grease and mould by using appropriate cleaners.
- Sand along the grain using 180-240 grit paper. Remove all sanding dust.
- Where necessary fill cracks and nail holes appropriate exterior grade filler or putty. After the filler has dried sand and remove dust.

Coverage:

- Dryden HydraCoat Deck & Hardwood Stain coverage rates may vary due to porosity, moisture and timber type.

We recommend to apply at:

- New hardwood timbers approx: 12-14 square metres per litre.
- New soft timbers Pine etc., Restored hardwoods, approx: 10-12 square metres per litre.
- Restored soft timbers, Pine etc., approx: 8-10 square metres per litre.

Application

- Stir contents thoroughly before and regularly during use. Boxing is recommended if more than 1 container at a time is being used.
- Apply with clean dry PAL speedbrush, high quality brush, applicator pad or airless spray. Pay special attention to end grain, cracks and exposed edges.
- **Apply along the full length of 2-3 boards at a time working the stain well into the timber. Keep a wet edge by working back in to the stained area while it is still wet.**
- Apply only as much stain as the timber will absorb and do not allow the stain to pool in low areas.
- **If required, second coat must be applied wet on wet before moving on to the next 2-3 boards. See limitations.**
- Allow finished job to dry for a minimum of 24 hours before subjecting to light foot traffic.

Initial Coats on Site

We recommend that one single coat of Dryden HydraCoat Deck & Hardwood Stain is applied to the back of the decking timbers prior to attachment. Timbers must be protected from environmental conditions while not fixed. Remember to coat cut ends prior to or when fixing. On the decking face once fixed a first and second coat of Dryden HydraCoat Deck & Hardwood Stain should be applied, **in sections wet on wet**, see limitations. Using best painting practices.

Clean Up

Clean up all equipment, overspray, spills with water when wet, mineral turps when dry.

Special Notes

- All exterior timber stains require regular maintenance to retain their appearance.
- We recommend re-coating every 2-3 years or as soon as the timber shows signs of weathering.
- Areas of high foot traffic and more exposed positions may weather faster than surrounding areas.
- Porous and open grained timber may weather faster than dressed substrates.
- Some dense non porous hardwoods may require early re-staining before attaining full durability.

FIRST AID

If you feel unwell: Call National Poisons Centre or doctor/physician. If medical advice is needed, have this SDS or product container or label at hand.

If Swallowed: Rinse mouth.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If on Skin/Hair: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

If Inhaled: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

INFORMATION:

If clarification or further information is needed the user should contact this company. The responsibility for products sold is subject to our standard terms and conditions. For more information on Dryden HydraCoat Deck Stain please refer direct to Dryden or to the Dryden HydraCoat SDS.

For urgent emergency information only:

National Poisons Centre 0800 704 766

For additional information contact:

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