



# OnDeck

## WOOD & CONCRETE COATING

The OnDeck™ Wood Deck System outlasts deck stains and paints to help you avoid the yearly headaches of stripping and re-application. The OnDeck™ system combines three easy-to-apply coatings that work together to create a tough, attractive, weather-resistant surface with these benefits:

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| <ul style="list-style-type: none"> <li>• all-season durability</li> <li>• excellent UV resistance</li> <li>• impact/abrasion resistance</li> <li>• salt/chemical resistance</li> </ul> | <ul style="list-style-type: none"> <li>• crack-resistant flexibility</li> <li>• odourless, water-based</li> <li>• fast-dry, low VOC</li> <li>• satin finish</li> </ul> |
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### SLIP-RESISTANCE:

OnDeck Wood & Concrete is slip-resistant, offering added foot traction while also providing a soft, comfortable texture underfoot.

**Application Temperature:** 10° C and above  
(not less than 5°C overnight)

**Coverage Rate:** 160 sq.ft. per 3.7 L (two coats required).

**Storage:** Keep in a cool, dry place.



### SURFACE PREPARATION:

#### Pressure-Treated Lumber:

Surface must be clean, dry, sound and free of loosely bonded previous coatings. If a previous coating is present and is firmly adhered, the surface must be lightly scuffed, wiped clean and pre-coated with DAICH ElastoLock Rubber Membrane as a water-proof bond coat.

Bare pressure treated planks should be aged one year before coating.

1) Scuff the surface lightly with 120 grit sandpaper to add bonding profile and remove mill glaze. Remove all sanding dust.

2) Wash all surfaces as directed with a wood deck cleaning solution. Let dry completely. Confirm moisture content of approximately 15% before proceeding.

3) Tighten loose screws, tap down protruding nail heads and replace rusty screws.

4) Fill cracks up to 1/32" with a generous brush-applied coat of DAICH ElastoLock Rubber Membrane. Cracks, checking and holes larger than 1/32" should be filled flush with wood filler or DAICH ElastoLock Rubber Spackle and allowed to dry fully.

Secondary applications may be required for larger recesses.

5) Brush ElastoLock generously into the spaces between deck boards with a 4" brush to coat all vertical edges and also carefully coat all cut ends to block water penetration.

**IMMEDIATELY** follow with a more generous coat (about 1/16" wet thickness) over the same area to leave a flexible protective layer and an optimal surface for OnDeck Wood & Concrete Coating. **IMPORTANT TIP:** Where accessible, coat the underside and all edges of your deck boards with Weather Shield Flex® for ultimate vapour and water protection of your deck structure. With Weather Shield Flex® installed and cured for 24 hours, you may proceed with OnDeck® Deck and Dock.

#### Plywood Decks:

Surface must be clean, dry (15% moisture content or less), in good condition and free of loosely bonded previous coatings.

1) Scuff the surface with 120 grit sandpaper to add light bonding texture and remove mill glaze. Carefully vacuum all sanding dust. Do not use water.

2) Tighten loose screws and tap down protruding nail heads. Replace rusty screws.

3) Install the ElastoLock® membrane/fabric system to encapsulate and waterproof the plywood deck as directed. See detailed instruction video on the ElastoLock page at [www.daichcoatings.com](http://www.daichcoatings.com). NOTE: Flex remains tacky even after full cure.

### **CONCRETE:**

Surface must be clean and dry, in good condition and free of efflorescence and loosely bonded previous coatings. 1) If surface is very smooth or efflorescent, it must be etched to create bonding profile and open the pores. 2) Follow with thorough pressure washing to remove dirt and etching residue. 3) For interior concrete, mop or scrub with TSP and rinse with clean water to remove dirt and etching residue.

### **PRESSURE-TREATED DECK APPLICATION:**

With surface preparation complete, stir OnDeck™ thoroughly prior to pouring into a paint tray to ensure uniform mixing of its decorative elements. Load the roller from the deep portion of the tray to further mix the material and ensure uniform application results.

- 1) Brush OnDeck™ generously into the spaces between deck boards with a 4" brush to coat all vertical edges and also carefully coat all cut ends to block water penetration.
- 2) Coat along four to six linear feet of edges.
- 3) Immediately coat the corresponding horizontal surface with a lint-free 15mm paint roller. Generously roll across the deck boards first to apply the coating on the tops and on the inside edges of boards, then immediately finish the applied section rolling lengthwise with the grain. Between the deck boards use a brush or scraper as you go to remove any excessive buildup and also coat any missed spots.
- 4) Use medium rolling pressure to uniformly cover the surface. Finish with a few light roller passes, allowing the roller fabric to softly blend out the wet material for a uniform speckled result. When complete, allow to dry 4 - 6 hours (longer in cool or damp conditions).
- 5) Install a second uniform coat in the same manner and allow to cure 24 hours prior to use (or application of sealer).

### **PLYWOOD DECK APPLICATION:**

With the ElastoLock® plywood system installed and cured for 24 hours, you may proceed with application of OnDeck™.

- 1) Coat along four to six linear feet of edges.
- 2) Immediately coat the corresponding horizontal surface. Repeat until the entire surface is covered.
- 3) After 4 - 6 hours (longer in damp or cool conditions) install a second coat in an overlapping "crosswise" direction and allow to cure 24 hours prior to use (or application of sealer).

### **CONCRETE APPLICATION (non-automotive surfaces):**

- 1) Apply two uniform coats several hours apart. Allow to cure for 24 hours (longer in cool or damp conditions), prior to application of Daich sealer.

**Tools:** 15mm microfiber roller, paint brush

**Application Temperature:** 10° C and above (not less than 5°C overnight)

**Coverage Rate:** 160 sq.ft. per 3.7 L (two coats required).

**Storage:** Keep in a cool, dry place.

**IMPORTANT NOTE:** As an indicator of adequate coating thickness, the applied finish should be a uniform colour (decorative fleck does not count). If the finished colour looks patchy, the coating is applied too thinly and will require another coat for colour uniformity and long-term performance.

**SEALER APPLICATION:** Apply one or two generous coats of DAICH Hi-Build Ultra™ or TracSafe™ Anti-Slip Sealer onto your OnDeck™ surface after it has cured for 24 hours, as directed. This added step will further protect your investment through seasonal cold and heat and harsh weather, as well as foot traffic (eg. porch and steps), repeated snow shoveling, use of de-icing salt in winter and general wear and tear.

### **Limited Warranty:**

Because DAICH Coatings has no control over improper surface preparation, method of application, or type of use of the treated surface, no guarantee as to results is offered, expressed or implied. DAICH Coatings guarantees the contents of the can only. If product is defective, replacement material will be provided free of charge or a refund of the material cost at manufacturer's option. Labour costs are not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the material. All DAICH products are guaranteed against defects in material and workmanship, not against wear or misuse.