

Product Overview

DR is a water-borne, natural oil finish designed for fully-exposed architectural wood. This low V.O.C formula penetrates deeply into the wood, providing superior protection against water, UV rays, and other environmental elements. It enhances the wood's natural beauty, offering a durable, breathable, and long-lasting finish that won't crack, peel, or blister. DR is exceptionally durable for high-wear horizontal surfaces or high-exposure vertical applications.

Important Note

Product Data Sheets are based on "ideal" work conditions. Due to wood variability and varying environmental conditions, it is strongly recommended that end-users determine suitable application conditions, coating product systems, and techniques to achieve desired results.

Characteristics

- Appearance: **Beige liquid**
- Odor: **slight ammonia**
- Density: **8.35 lbs/gal.**
- Solid by weight: **14%**
- Solid by volume: **13.4%**
- pH: **approx. 9.0**
- Viscosity: **15 CPS**
- VOC: **39 g/L**
- Freezing point: **1°C (31°F)**
- Diluent: **water**
- Cleanup: **soap & water**

Application

Use on: decks, railings, fences, fascia, pergolas, patio furniture, and high-exposure siding.

Application Methods

- Always flood the surface to saturation
- Dipping
- Brushing (use natural bristle brush)
- Roller (always back brush if applying with a roller)
- Flood coating
- Airless Spray: Pressure (2000 psi), Tip: .013–.015 (Always back brush for best results)
- HVLP Spray: Standard needle tip

Features

- Ecologically sensitive
- Penetrating formula for inside-out protection
- Low VOC
- Soap and water cleanup
- Extra durability for high-wear horizontal surfaces or high-exposure vertical applications
- Non-flammable
- Available in clear, transparent, semi-transparent, and semi-solid colors
- Helps resist mold and mildew growth
- UV protection – designed for maximum UV resistance ensuring long-term maintainability
- Breathable finish repels water through sheeting, allowing evaporation crucial for long-term wood stability

Packaging

Quarts, gallons, 5 gallon pails, and 50 gallon drum.

Formulas

Broda DR is available in pigmented and clear tint base formulas. Use the clear tint base to dilute color for maintenance coats. Apply DR Clear UV Topcoat over pigmented color coats to enhance durability, create a fuller medium luster finish, and maximize color retention of pigmented coats.

Coating Schedule

1st coat: Tinted DR

2nd coat: Tinted DR

3rd coat: DR Clear UV Topcoat

Coverage

- Smooth sanded wood: 250–400 sq.ft./gal.
- Rough wood: 150–300 sq.ft./gal.
- Coverage depends on wood species, texture, and porosity.

Drying Time Table

Temperature	Touch (hours)	Recoat (hours)
5°C (41°F)	8	48
12°C (54°F)	5	24
20°C (68°F)	2	12

- Air and surface temperature should not drop below 1°C for 48 hours post application.
- Longer drying time may be needed in high humidity or low temperatures.
- Avoid freezing.
- Finish: 0–5 units at 85°.

Preparation

- Preparation is critical to a successful project.
- Inspect wood surfaces for defects and make necessary repairs.
- Use Broda Wood Wash and/or pressure washer for entire surface cleaning.
- Thoroughly sand smooth the wood using 60–80 grit sandpaper and a variable speed orbital sander to promote deep penetration and uniform colour.
- Follow with power washing, vacuuming, or compressed air for proper cleaning. Ensure surfaces are clean, free from dust, dirt, grease, wax, or existing coatings.
- Test surface absorbency by applying water drops. If water doesn't penetrate, additional sanding or cleaning is needed.

Working Procedure

- Stir well before and during application.
- Test on an inconspicuous wood surface for proper color and penetration.
- Apply at ideal temperature (21°C/70°F) and around 50% relative humidity.
- Do not apply below 5°C or above 25°C.
- Avoid application if rain or freezing temperatures are expected.
- Saturate the wood surface for required coverage.
- Brush out puddles and runs, level the finish.
- Do not apply on warm-to-touch or directly sunlit wood.

Cleaning and Storage

- Clean application equipment with warm soapy water before the product dries.
- Shelf life of DR Clear Tint base and DR clear UV Topcoat is 18 months in ideal storage conditions between 10°C–30°C (50°F–86°F).
Keep containers tightly closed and protect from freezing.
- Dispose according to local, provincial or federal requirements. If available, recycle at the local paint recycling depot.

Maintenance

Vertical surfaces require maintenance every 1–4 years, depending on wear signs like fading, loss of luster, or erosion. Regular maintenance ensures long-lasting color retention, dimensional stabilization, and effective water repellency. Periodically clean the wood surface with a power washer or Broda Wood Wash to remove dirt and residue. Frequency of maintenance coats depends on prior preparation, application quality, number of coats, weathering, and exposure levels. If fading or erosion occurs, prepare wood by using a power washer or Broda Wood Bright. Then re-apply one maintenance coat of Broda DR per instructions.

Limited Warranty

The purchaser of this product manufactured by CBR Products (a division of Canadian Building Restoration Products Inc.) shall be entitled to the following, if the product herein is shown to be defective when applied following directions for use found on this label: The only obligation of the manufacturer and seller shall be to replace such quantity of CBR product that is proven to be defective. Proof of purchase is required. Seller or manufacturer shall not be liable for any loss or damage connected with the use and/or handling of this product. All labor costs are specifically excluded. Buyer assumes all risk of use and/or handling of this material. No other warranties are made, expressed or implied, including, without limitation, warranties as to the merchantability or fitness for any particular purpose. This limited warranty may not be modified or extended by manufacturer's representatives, distributors or dealers of CBR Products' products.

Warning to Users

Keep out of reach of children, if swallowed immediately drink two glasses of milk or warm water. Do not induce vomiting. Call physician immediately. Avoid contact with skin or eyes; flush with soap and water. Avoid breathing of vapor or mist. Wear a properly fitted NIOSH/MSHA approved respirator. The information contained in this document is given in good faith based on our current knowledge. The use of the product is beyond the control of CBR Products and no guarantees, expressed or implied, is made as to the result to be obtained if not used in accordance with the published Directions for Use. CBR Products does not assume any legal responsibility for use or reliance on same. This information must on no account be used as a substitute for necessary field tests, which alone can ensure that the product is suitable for the expected use. Before using any product, read its label.