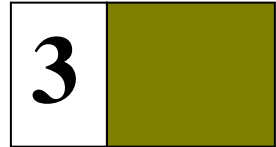




Protect it all.™



# Broda™ Pro-Tek-Tor Deck-Rail

1-PTTDR

(DR) Natural Oil Deck Finish

## CHARACTERISTICS

Broda Pro-Tek-Tor Deck-Rail Natural Oil Wood Finish is a premium, water borne, natural oil, deeply penetrating wood finish specially formulated for decks, railings and fences. With proper application it will provide long term colour retention, excellent mildew resistance, UV protection, water repellency and durability while enhancing the natural beauty of wood. Pro-Tek-Tor applies easily from just above freezing to hot summer temperatures and will not crack, peel or blister. All Broda products are safe to use with low VOC, low odour and clean up easily with soap and water. Can be applied on dry or unseasoned wood with a moisture content to 30%.

Use on:	Decks, fences, railings, windows, doors, facia, patio furniture, playground equipment		
Colour:	Clear, Transparent, Semi Transparent		
Appearance:	Amber, liquid		
Odour:	Slight ammonia		
Flammability:	None		
Freezing Point:	0°C		
Chemical Stability:	Yes		
Coverage:	1 <sup>st</sup> coat: 150 sq. ft./gal.	2 <sup>nd</sup> coat: 250- 400sq.ft/gal.	
Drying Time @ 50% RH:			
	@5C	@12C	@20C
Touch:	8 hours	5 hours	2 hours
Recoat:	48 hours	24 hours	12 hours

Temperature and humidity dependant.

Air and surface temperature should not drop below 1C for 48 hours after application.

Finish: 0 units at 85<sup>0</sup> Flash point: N/A

Tinting: Base	oz/gal	Strength
Clear Tint	0 - 13	100%

VOC (less water): 39 grams/liter Weight per Gallon: 8.4 lbs/gal

Volume Solids: 13%

Weight Solids: N/A

This product contains agents which inhibit the growth of mildew on the surface of this paint film.

## SPECIFICATIONS

Wood: 2 coats of tinted DR (Two coats of tinted DR are necessary to achieve the selected colour.)

## APPLICATION

When the temperature is at or lower than 3C, substrates may be colder. Prior to application ensure the air, surface and material temperature is above 1C. Avoid using if rain or snow is expected on the coated surface within 48 - 72 hours at low temperatures.

Brush:	No reduction necessary. Use a natural bristle brush. (ie. Corona Oil Stain It)		
Roller:	No reduction necessary. Use a 10mm - 20mm roller cover.		
Pad Applicator:	No reduction necessary. Recommended for deck application.		
Painter's Mitt:	No reduction necessary. Recommended for railings.		
Spray Airless:		Spray HVLP:	
Pressure:	2000 psi	Pressure:	
Tip:	.011 .015	Tip:	standard needle
Reduction:	Not necessary	Reduction:	Not necessary.
Dip:	No reduction necessary		

Box pails of Broda DR. Intermix all containers of the same colour.

Apply 1st coat of Broda DR as a flood application and work into the wood surface until the wood surface is fully saturated and recommended coverage is achieved. Spread any runs or puddles. If wood surface is warm to the touch dilute Broda DR up to 10% with cold water or dampen the wood surface prior to application. Apply 2nd coat of Broda DR after 1st coat has dried for recoat period recommended above. Apply to fully saturate the wood surface and achieve recommended coverage. Spread any runs or puddles.

**Important:**

Do not apply in direct sunlight.

Apply from bottom to top of the project.

Apply up and down on vertical siding and posts.

Apply side to side on horizontal siding and logs.

Do not use ammonia or ammonia based products for maintenance.

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## SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping, stripping or by other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1 800 424 LEAD (in the US) or call your local health authority.

Remove all existing paints, coatings, mildew, oil, dirt and deteriorated substrate.

Replace all deteriorated substrate as required.

This coating may be applied over existing well weathered semi transparent stains. However the colour of the existing stain will be visible through this finish.

Remove all surface contamination by sanding, power washing or with a wood cleaning/restoration product to remove all dirt, air pollution, chalk, etc. Rinse well until sudsing no longer persists. If after cleaning, the surface appears dirty suspect mildew. Remove mildew before painting with a solution of 1 pint bleach and 1 gallon water. Apply the solution and scrub the area. Allow bleach solution to remain on the surface for 10 minutes. Rinse thoroughly with water until there is no bleach odor. Apply an acid based cleaner to neutralize wood surface. Rinse well until sudsing no longer persists. Wear protective eyewear, rubber gloves, and protective clothing. Quickly wash off any of the cleaning solutions which come in contact with your skin. Do not add detergents or ammonia to the bleach/water solution. Apply appropriate patching and filling materials to cracks nail holes and other surface imperfections. Filled areas may take Broda DR differently than bare wood. Broda DR will appear different over caulk or primer.

Optimum wood surface pH is slightly alkaline.

Rough Wood Surfaces: Power wash with 500 psi.

Smooth Wood Surfaces: Sand to 80 grit.

Sand all horizontal wood surfaces.

Remove all mill glaze. (Mill glaze is a glossy surface on planed or surfaces new lumber.)

Pressure Treated Wood: Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, allow the wood to weather and test for absorbency again. Do not sand pressure treated lumber. Due to the green or brown tone of many brands of pressure treated lumber, the colour of the Broda DR may look different from the colour selected. Always test for colour and appearance in an inconspicuous area.

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## CLEANUP INFORMATION

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment if recommended by the equipment manufacturer. Follow manufacturer's safety recommendations when using mineral spirits.

## CAUTIONS

Do not apply at temperatures below 1C.

Water based or water borne coatings react with metal. All metal contamination and staining must be removed prior to applying Broda. After application of Broda, avoid contact with metal. Treating wood with CBR Iron Shield prior to applying Broda reduces staining due to metal contamination.

## LABEL CAUTIONS

Use only in well ventilated conditions. Always wear respiratory protection (NIOSH approved). If you experience headaches or dizziness, increase fresh air or leave the area. Do not take internally. May irritate eyes. Do not get in eyes. May irritate skin. Do not get on skin or clothing. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID TREATMENT:** If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. If swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting.

**KEEP OUT OF REACH OF CHILDREN.** The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of CBR Products (a division of Canadian Building Restoration Products Inc.). Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your CBR Products representative to obtain the most recent Product Data Sheet.

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