



Protect it all.™

# Broda™ Clarity Wood - Stone

1-CWS

(WS) Acrylic Finish

## CHARACTERISTICS

Broda Clarity Wood – Stone Acrylic Finish is a water borne, very fine particle size, pure acrylic, cross linking acrylic finish. Broda Clarity is a water white, flexible, penetrating, vapour permeable, non ambering finish with excellent UV stability and mildew resistance. Broda Clarity is a versatile coating with extremely low VOCs, low odour, is non flammable and has good open time. Broda Clarity can be applied over a wide range of temperatures and humidity.

Use on:	Wood, stone, concrete, masonry, interior or exterior	
Appearance:	Milky, liquid	
Odour:	Slight ammonia	
Flammability:	None	
Freezing Point:	0°C	
Chemical Stability:	Yes	
Coverage:	200 - 400 sq. ft./gal. depending on type, age and porosity of surface	
Drying Time @ 50% RH:		

	@15C	@20C
Touch:	1 hours	5 hours
Recoat:	8 hours	4 hours

Temperature and humidity dependant.

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

Finish: 80 at 60° Flash point: N/A

VOC: <90 grams/liter Weight per Gallon: 8.5 lb/gal

Volume Solids: 20% Weight Solids: 21.5%

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

## SPECIFICATIONS

2 or 3 coats depending on protection and sheen required

## SAFETY AND HANDLING

See MSD Sheet

## 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 5C. Avoid using if rain or snow is expected on the coated surface within 48 - 72 hours at low temperatures.

Brush:	No reduction necessary. Synthetic bristle.	Spray HVLP:	
Roller:	do not use	Pressure:	
Spray Airless:		Tip:	standard needle
Pressure:	2000 psi	Reduction:	Not necessary.
Tip:	.011 - .015		
Reduction:	Not necessary		

Stir containers of Broda Clarity well. DO NOT SHAKE.

Broda Clarity may be applied to dry or damp surfaces.

Apply an even application, achieving recommended coverage. Spread any runs, puddles or drips evenly. On wood, sand lightly between coats. Do not apply if freezing temperatures are anticipated within 24 hours.

Important:

Not recommended to be applied in direct sunlight.

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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, wax, oil, dirt and deteriorated substrate.

Replace all deteriorated substrate as required.

Remove all surface contamination by sanding, power washing or with a wood/concrete cleaning/restoration product. If after cleaning, the surface appears dirty suspect mildew. Remove mildew before painting with a solution of 1 pint bleach and 1 gallon water. Follow manufacturer's safety recommendations when using bleach. 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 diluted acid based wood/concrete cleaner to neutralize bleach. Rinse well. 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 Clarity differently. Do not get caulk or primer on areas to receive Broda Clarity. Broda Clarity will appear different over caulk or primer.

Optimum wood surface pH is slightly alkaline.

Rough Wood Surfaces: Power wash at 500 psi.

Smooth Wood Surfaces: Sand to 80 grit for exterior. Sand as required for interior

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. Always test for colour and appearance in an inconspicuous area.

Concrete: For optimum adhesion etch smooth concrete surfaces.

Masonry: Clean all grout and mortar from rock surfaces.

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## CLEANUP INFORMATION

Clean spills and splatters 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 manufacturer. Follow manufacturer's safety recommendations when using mineral spirits. Dried spots and tools are very difficult to clean. Avoid this situation.

## CAUTIONS

Do not apply at temperatures below 5C.

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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