



TECH DATA SHEET

ProCoat Products, Inc ProBond 2 Part Waterborne Enamel Coating
Research Development Manufacturing Distribution

1. **PRODUCT NAME**
ProBond 2 Part Waterborne Enamel Coating

2. **MANUFACTURER**
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3. **PRODUCT SUMMARY**
ProBond is a specialty, highly durable, abrasion resistant, catalyzed coating. This 2 part coating is designed for use on Fiber Reinforced Panels (FRP), many interior fixtures, plaster, concrete, wood (not hardwood floors or exterior exposure), treated galvanized aluminum, metals and other surfaces in sound condition. ProBond can be applied over conventional coatings without the lifting or wrinkling common with solvent based coatings.

- Water borne
- Non-yellowing surface color
- Non-toxic and non-combustible

4. **AREA & PRODUCT PREPARATON APPLICATION**

- Mask the areas to be restored.
- Degrease all surfaces using the **ProCoat Hard Surface Cleaner**.
- Patch all connector strips on both sides of the strips, base board and any small holes with a paintable caulk (finger in).
- Using a 3/16th nap roller, apply a light coat of **Stix or similar Bonding Primer**. Allow dry time of 1-2 hours. Depending upon humidity, drying time may be extended. If there are stains that do not come clean after degreasing, seal using a oil/shellac primer/sealer before applying the bonding primer.
- **ProBond** consists of 2 components A & B. Component A is a partially filled gallon container holding 3 quarts of base to which a full quart of Component B should be added. If tint is to be added, add it into Component A and mix before combining A & B. Mix each part individually with a Jiffy beater or similar electrical device. Combine part B into part A, while drill is rotating. Mix thoroughly. Re-cap the combined parts and allow 30 minutes before using (induction time).
- Using a 3/16th nap roller, apply a small test patch application. Be sure that the existing paint is soundly adhered to the substrate before proceeding. Scribing an "X" in the original finish and applying an adhesive tape (such as cellophane or duct tape) and snapping it off quickly will tell you if the original paints' adhesion is satisfactory. If more than 1/3rd of the area is removed, do not apply ProBond until all of the existing paint is removed. If new wood is cedar or redwood, applications of a stain blocking primer such as BIN is recommended. Applications over bare steel require a metal primer before application of **ProBond**.
- Two coats are generally recommended for most applications. Be sure to apply the second coat within 3 days or it will be necessary to sand the substrate.
- Application can be brush, roller or spray.
- Coating can be exposed to light service after 24 hours.
- Pot life is 6 hours.
- Full cure – 7-10 days

Type:	2 Part Coating
Exposure:	Interior
Specular Gloss:	75 @ 60° ± 5
Volume Solids:	30.6 % ± 2
Solids by Weight:	32.0% ± 2
Vehicle:	77.4 % ± 2
Pigment:	22.6% ± 2
Dry Film Thickness:	1.5 mils
Viscosity @ 77 °F:	93* KU ± 5
Maximum VOC:	250 g/liter
Flash Point °F:	Non-Combustible
Thinner:	Water
Clean-Up:	Soap & Water

Available Colors and Bases:
4 Bases 2 Grays

Available Package Sizes:
1 Gal. Kit

(Weight Per Gallon: 9.2 lbs ± .5 lb)

Drying Time

To Touch:	2-4 Hours
To Handle:	6-8 Hours
To Recoat:	2-4 Hours

(@ 70-77 °F, 50% R.H.)

Surface Spread Rate

Smooth:	275-325 s.f./gal.
Porous:	200-250 s.f./gal.

Less coverage will be realized with greater color contrasts

(Spray application is 80% of above)

Tools and Equipment

Brush – Synthetic, Nylon or Polyester

Roller – 3/16” Nap Synthetic Fiber Foam

Airless Spray – 0.13, to 0.15 Tip