



# Diamapro-Deck PrimeBond

Item Number: DPDPB – 100-01

## DESCRIPTION

Diamapro® Diamapro-Deck PrimeBond provides an invisible layer of protection against moisture. It excels as an elastomeric primer, waterproofing layer and as a binder for erosion control.

## ADVANTAGES

- Meets USDA, FDA, EPA, and SCAQMD Standards
- Eligible for LEED Points: Made in California from Partially Recycled Materials
- Adhesion to Concrete, Wood, Metal, Non -glazed Tiles
- High Level of Flexibility
- Low Odor
- Waterproofing

## SUGGESTED USES AND APPLICATION AREAS

- Flexible Primer
- Concrete, masonry, and wood surface sealer
- Primer, Topcoats
- Interior/exterior
- Vertical Surfaces
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

## Diamapro® AVAILABLE SYSTEMS

- Diamapro® Diamapro-Deck DTC
- Diamapro® Diamapro-Deck DTW

## FINISH AND COLOR

- Clean Once Cured

## PRECAUTIONS AND LIMITATIONS

- DO NOT let material puddle on floor.
- Complete onsite mockups to ensure desired results are achieved.
- Application temperatures
  - When temperatures increase or humidity decreases, material cures faster.
  - When temperatures decrease or humidity increases, material cures slower.
  - If application temperatures are outside of those recommended, contact your Diamapro® Technical Representative.
  - Apply material when temperature is decreasing – adhere to the Diamapro® Dew Point Calculation Chart.
- DO NOT apply under direct sunlight.
- DO NOT install under inclement weather conditions.

## COMPONENTS

- Standard Kit
  - 5-gal. unit



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## SAFETY AND TESTING

- Safety
  - Personal protective equipment and safety conditions must be worn when installing the systems.
  - Review all relevant and current documentation including Safety Data Sheets.
- Testing: Before installation
  - Test and look for any unknown site conditions and/or defects.
  - To ensure desired results are achieved, the system should be tested in a small area on site before full installation begins.

## STORAGE AND APPLICATION TEMPERATURES

|   |                                      |
|---|--------------------------------------|
| <b>Ideal Storage Environment</b>                        | Dry, Out of Direct Sunlight, 60-80°F |
| <b>Material Temperature During Application</b>          | 50-70°F and 5°F Above Dew Point      |
| <b>Minimum Substrate Temperature During Application</b> | 5°F Above Dew Point                  |
| <b>Freezing</b>   | <32°F                                |

## AVERAGE APPLICATION TIME

Diamapro® Diamapro-Deck PrimeBond

| Ambient Temperature                     | 45-100°F <80% RH | 50°F 50% RH | 70°F 50% RH | 100°F 50% RH |
|---|------------------|-------------|-------------|--------------|
| <b>Working Time</b>                     | 20-25 min.       | 30-35 min.  | 20-25 min.  | 10-15 min    |
| <b>Recoat Window</b>                    | 2-24 hrs.        | 18-36 hrs.  | 6-24 hrs.   | 2-24 hrs.    |
| <b>Return to Service (Foot Traffic)</b> | NA               | NA          | NA          | NA           |
| <b>Full Cure (Vehicle Traffic)</b>      | 7 days           | 7 days      | 7 days      | 7 days       |

## SURFACE PREPARATION

The substrate must be sound.

- All necessary repairs have been completed.
- The substrate must be clean, dry, and free of any bond inhibiting contaminants.
- When applying directly over concrete, the substrate must be mechanically profiled to ICRI CSP value.
- Different projects require a different CSP level. Contact your Diamapro® Technical Representative.
- Adhere to International Concrete Repair Institute current standards.

## MIXING

|  |   |
|--|---|
| <b>Standard Kit Mix Ratio</b>                    | Standalone or Mix 1 qt Water to 1 Gal Bonder Resin  |
| <b>Bond Coat with Basecoat</b>                   | 10 lbs. Basecoat Per Gallon of Bonder Resin   |
| <b>Mixing Drill</b>                              | Low-RPM, low-torque drill with Jiffler double-bladed mixer  |
| <b>Mixing Drill When Combining with Basecoat</b> | high-RPM, high-torque drill with Jiffler double-bladed mixer  |
| <b>Mixing Directions</b>                         | Mix product until texture and color is uniform.<br>If adding Water: Mix Product and water for 30 seconds. |
| <b>Mixing Directions with Basecoat</b>           | Mix product until texture and color are uniform   |



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## COVERAGE RATE

|                                   |                     |
|-----------------------------------|---------------------|
| Primer Coat                       | 250-400 sq.ft./gal. |
| With Base Coat                    | 150-200 sq.ft./gal. |
| Over Diamapro® Diamapro-FiberLath | 150-200 sq.ft./gal. |
| Over Diamapro® Diamapro-FiberMat  | 250-300 sq.ft./kit  |

## Coverage Rates

- Are for estimating purposes only.
- Factors such as waste, unusual/abnormal substrate conditions, and other unforeseen jobsite conditions may affect actual product yields
- Coverage rates are the responsibility of the installer.

**Availability:** Diamapro® Diamapro-Deck PrimeBond is only available through Diamapro Systems® Authorized Distributors and Applicators. For a list of Authorized Distributors please contact Diamapro Systems®.

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