

# DuraBlock™ Stain Blocking Primer Product Data Sheet



## Description

DuraBlock™ Stain Blocking Paint Primer is a multi-surface interior and exterior water-based bonding primer that uses bio-based chemistry to replace toxic petrochemical ingredients without compromising quality. Use it to effectively prime surfaces that require a higher level of stain blocking, hiding power, and better overall bonding of the topcoat paint. The high solids formula with superior flexural strength enables better fill of hairline cracks and helps fill porous surfaces for better topcoat coverage.

We use the best quality solvent free styrene acrylic resin, and performance additives, that are blended with our bio-based emulsion to ensure the highest performance for multi-surface paint primer applications. We also use the brightest white rutile TiO<sub>2</sub>, calcined kaolin clay, and a refined bright white 100% recycled glass powder as our extender filler that is hard as quartz to impart better abrasion resistance while ensuring the best hiding possible. Use DuraBlock™ whenever you need added protection against substrate challenges that may prematurely degrade your finish topcoat. You simply won't find a more flexible and multi-functional stain blocking primer with our unmatched sustainability attributes.

We bridge the gap between water-based and oil-based chemistry with more safety, more functionality, and more cost effectiveness. Zero Toxins. Zero VOCs. Zero Hazards. Zero Solvent Odors. We help you meet your green building and safety initiatives.

## Intended Uses

For new or old stucco, drywall, concrete, wood, or masonry that has been properly cured, filled, or repaired. Remove all bond breakers. Sand or degloss glossy surfaces or oil-based finishes.

**Stucco • Drywall • Masonry • Wood • Plaster  
FRC Cladding • Primed Metals • PreCast Concrete**

**LIMITATIONS:** Do not apply when surface temperatures are below 45°F or above 95°F and if humidity is above 80%. Always test compatibility when painting over oil and solvent based finishes. This paint is not formulated as a floor coating or a flat roof coating that is subjected to high foot traffic or ponding water.

## Performance Features

- Stain Blocking
- Enhanced Topcoat Bonding
- Excellent Hiding Power
- Mold & Mildew Resistant
- High Solids & Flex Strength
- Superior Flow & Coverage
- 30-60 Minute Dry Time
- Soap & Water Cleanup

## Green Building & Sustainability Features

- Zero VOC Emissions
- LEED v4 Transparency Report
- HPD Transparency Report
- Renewable Resource Content
- Recycled Content Material
- Produced in Arizona, USA
- No Red List Chemicals
- Will Qualify for CHPS

## Technical Product Information

### APPLICATION TOOLS & EQUIPMENT:

**Protection:** Gloves, safety glasses, plastic sheeting, rosin paper, delicate surface painters tape, rags, etc.

**Manual Applicator Choices:** 1/4" - 1/2" Nap Lint Free Roller, High Quality Brush.

**Mechanical Applicators:** Airless Sprayer w/.013-.017 tip

**SHEEN LEVEL:** Flat

**COLORS:** Choose from pastel to medium tone colors. Limited to 4 ounces of colorant due to fill level.

**BASE:** Tintable Base.

**OUR INGREDIENTS & SUPPLY CHAIN PROCESS: A Commitment to Sustainable Chemistry.**

ESP evaluates and screens every raw material using a third party service partner comparing ingredients against the most current GreenScreen® and Red List Chemical databases prior to launching any R & D product development project. Additionally, every supplier agrees to participate in our full ingredient transparency program to ensure every ingredient they use in their material down to a minimum of 1,000 ppm, can be screened, then submitted for a LEED v4, Health Product Declaration (HPD), and other "Green Building" program reports.

### TECHNICAL DATA:

Chemical Type:	Solvent-Free Epoxy/Acrylic/Bio-Resins
Pigment Type:	TiO <sub>2</sub>
Typical Coverage:	300 - 400 Square Feet Per Gallon (The coverage rate will vary depending on surface texture, porosity, and the volume of the material applied.)
Typical Dry Time:	30 - 60 Minutes
Installation Temperature: (Ambient & Surface Temp.)	45° F - 95° F < 80% Humidity
Drying Methods:	By Evaporation, Forced Heat or Forced Air Will Accelerate Drying
Viscosity:	102 KU +/- 3
Bio-Based Content:	< 10%
VOC Content:	0 Grams/Liter

**For Technical Assistance:**  
Contact your retailer or call  
(602) 305-9397

**Store at room temperature. Keep from freezing or extreme heat.**



**Eco Safety Products**

2921 W. Culver Street, #4B  
Phoenix, Arizona 85009 U.S.A.  
T: (602) 305-9397 E: info@eco-safety.com  
www.ecoprocoat.com