

# BONEdry EM COATING

## Specifications

### Description

Bone Dry EM (epoxy modified) Coating is an extremely durable 2-part epoxy modified surface coating with antimicrobial and chemical resistant features suited for food processing (wet and dry), warehousing, and packaging facilities. This coating has excellent chemical resistance to common fluids such as gasoline, anti-freeze, brake fluid, solvents, salts, acetone, and alcohol. EM coating is also ideal for protecting exterior surfaces from common environmental staining and discoloration due to leaf decay, dirt, water runoff, and other soils. Bone Dry EM Coating's durability will resist scratching, forklift traffic, seasonal weathering, and bonds to concrete and existing sealers.

### Testing

- FDA 177.1390: Approval for direct contact with food
- Hot Seal Test: 446 F at 45psi- pass
- Pencil Hardness: greater than 6H
- Shore D Hardness: 80
- Konig (Pendulum)- 163 seconds
- Chemical Resistance: 150 Double Rubs
  - MEK: Pass
  - Acetone: Pass
  - Isopropyl Alcohol: Pass
- Contains NO polyisocyanate

### Slip Resistance

Bone Dry EM Coating conforms to the texture of the concrete surface when it is applied providing little to no reduction in slip resistance.

### Concrete Floor Preparation

#### **Remodeled Surfaces**

Clean the existing surface to remove any loose debris and cracking or peeling coatings.

#### **Newly Cured Concrete Surfaces**

Allow the new concrete slab to cure for 28 days prior to application. Remove any existing dust and debris.

### Protection/Equipment

#### **Protecting Finished Surfaces**

Mask off any finishes prior to applying product. Dried product will be difficult to remove. Wear proper eye protection, masks, and gloves when handling product. Refer to individual product SDS for handling.

#### **Equipment for Application**

Bone Dry EM Coating can be applied using a ¼" nap roller, pump sprayer, or battery powered sprayer.

### Mixing

Mixing ratio per gallon

Coating	119 fl oz
Catalyst	9 fl oz

Mix the coupling agent into Bone Dry EM Coating and stir with an electric drill mixing paddle for 3-5 minutes.

**Pot Life:** 6 hours

### Application Using Roller

Apply 2 coats. Using a paint tray, soak the roller and roll the first coat onto the surface. Allow the first coat to become dry to the touch and become clear. Once dry and clear apply the second coat. Allow the product to dry for 48 hours prior to allowing foot traffic. As the product cures a white discoloration will occur which will dissipate and become clear within 48 hours. Allow the product to cure 72 hours before allowing vehicle traffic.

### Application using Sprayer

Apply 2 coats of product. Using a pump or battery powered sprayer, lightly apply the first coat. The product will self level after its sprayed. Allow the first coat to become dry to the touch and become clear. Once dry and clear apply the second coat. Allow the product to dry for 48 hours prior to allowing foot traffic. As the product cures a white discoloration will occur which will dissipate and become clear within 48 hours. Allow the product to cure 72 hours before allowing vehicle traffic.

**Cure time:** 72 hours (white discoloration occurs during first 6-12 hours)

**Spread Rate:** 300-350 sqft per gal.

### Cleanup:

Remove uncured material with running water and scrub as needed.

### Storage

Store unmixed product in it's sealed container in a conditioned space where temperatures range between 40-85 F. Do not freeze.

### Warranty Information

Bone Dry EM Coating carries a manufacturer's limited warranty stating that this product is free of defects and covers replacing the Bone Dry Product if there is a claim on the product.

### Contact

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