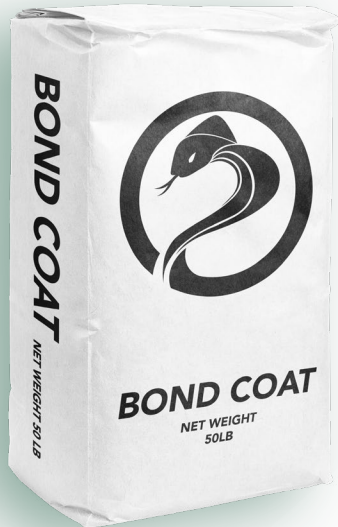


# PRODUCT DATA SHEET

## MEDUSA BOND COAT



Medusa Bond Coat is a single component, just add water, cement-based bonding agent specifically developed for use with Cobra Stampable Overlay. Medusa Bond Coats only function is to join the stampable overlay to the substrate.

This product has a high cement content and dry-copolymer agent which create a premier bond, while the fine aggregate micro dowels into the substrate or area to be patched.

### APPLICATIONS

Medusa Bond Coat has an infinite number of applications, but is most commonly used for:

- Interior & Exterior Stampable Overlay
- Three Dimensional Overlays
- Interior & Exterior Stamped Patterns
- Interior & Exterior Sprayable Concrete

### BENEFITS

Medusa Bond Coat has a large list of benefits, including but not limited to:

- Stronger bond than liquid polymers
- Tintable to match overlay material color
- Fix existing problems in hard scape

### PACKAGING

50 lbs bag

### COVERAGE

50lbs bag varies widely due to profile, porosity of substrate, temperature, and how thirsty the concrete slab is: approximately 300 - 450 ft<sup>2</sup>

### APPLICATION TEMPERATURE

50°F - 90°F

### ODOR

N/A

### CURE TIME

Foot Traffic - 24 hours

Vehicular Traffic - 72 hours

### SHELF LIFE

Under normal conditions: when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened container is (12) months from the date of purchase. Storage must be under roof and off the floor. Avoid extreme temperatures. Rotate inventory to maintain product that is within limits.

### MIXING RATIO

6-7 quarts of clean water to one 50lbs bag.

## **SURFACE PREPARATION**

1. **Clean** - The surface must be free of dust, dirt, oil, grease, paints, glues, non- acrylic sealers, curing agents, efflorescence, chemical contaminants, rust, algae, mildew and other foreign matter that may serve as a bond breaker.
2. **Cured** - Any concrete must be sufficiently cured to have sufficient hydration, approximately 7-14 days depending on temperatures and humidity.
3. **Sound** - No system should be placed on concrete that is flaking, spalling, or has hibernating spalling.
4. **Profiled** - Proper profile should follow the standard established by the International Concrete Repair Institute (ICRI) Technical Guideline no. 03732 for Concrete Surface Profile (CSP).

## **TEMPERATURE / CURE**

1. Air and substrate surface temperatures shall remain between 50°F - 90°F during and within 48 hours of installation.
2. No precipitation should occur during or within 48 hours of installation.
3. Avoid high heat or windy conditions. Attempt to minimize application during such harsh conditions by working during cooler hours. Keep materials shaded prior to mixing, running water until cool, and setting up temporary wall for wind blocks.

## **MIXING / APPLICATION**

### *Full Bag - Mixing and Handling*

1. Add 6 qts. water to a 5 gal. pail
2. Add 1 Color Pack if required
3. Mix with a handheld concrete mixer equipped with a cage mixing blade for a minimum of 15 seconds.
4. Slowly add the Bond Coat into the pail with mixer running.
5. Scrape side of pail with a margin trowel to make sure all the dry product is included into the mix.
6. Continue to mix for a minimum of 1 minute after all ingredients are fully mixed to achieve a lump-

free consistency. Additional water can be added up to a total of 7 qts per 50lbs bag.

### *Small Batch - Mixing and Handling*

1. For each 4 qts. dry mix, add 1.5 qts. water.
2. Add the desired amount of water to bucket of an appropriate size.
3. Start adding the dry mix to the water while running the mixer. Mix with an appropriate size mixer.
4. Scrape the sides of the container to make sure that all the dry mixture is included in the wet mix.
5. Mix for a minimum of 1 minute until all the ingredients are fully mixed to achieve a lump free consistency.

## **CLEAN UP**

Before the product dries, spills and tools can be cleaned up with water.

## **DISPOSAL**

Follow local guidelines for disposing hazardous products.

## **LIMITATIONS**

For use by trained professionals. Not designed to be a wear surface.

## **CAUTIONS**

KEEP OUT OF REACH OF CHILDREN. Product is flammable. Avoid sources of ignition. Keep areas of installation well ventilated.

## **FURTHER INFORMATION**

***Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local Regulations concerning the safe handling of silica containing materials must be observed. Suitable protective clothing including eye protection must be worn at all times.***