



3100 Peden Road Fort Worth, Texas 76179

## **Bond Kote Technical Bulletin**

**Description:** A pre-blended product that can be used on existing concrete surfaces. This material is placed approximately 1/16” to 1/8” thick. This product can be used on exterior floors, driveways, patios, pool decks, and other surfaces for vehicular and pedestrian traffic.

**Surface Preparation:** All surfaces shall be clean and free of dirt, dust, paint, sealers, form releases, curing agents, grease, oil, or any inhibiting mixed material that would impede the penetration of Unipas Polymer to the substrate pores. Any material that would cause de-lamination must be removed. Pressure washing, sand blasting, water blasting, grinding & shot blasting are suggested procedures for removing contaminants from the surface. On existing surfaces not subject to these conditions, pressure washing and 30 parts water to 1 part acid should be considered for smooth, steel troweled, or formed concrete.

### **Mixing & Application:**

1. Bonding Primer: Begin with a properly prepared Saturated Surface Dry substrate. Apply Unipas Polymer undiluted over saturated substrate. Scrub polymer into the surface with a medium to stiff broom or brush. Make sure to cover all areas that will be receiving the stampable overlay mixture. Allow this primer to dry to a clear film. Do not walk on the dried primer unless the use of proper footwear that will not tear the film from the concrete has been attained. Suggested footwear, rubber spikes.
2. Depending on the desired application, the addition of water is as follows: add 4 to 5 quarts of clean potable water to a 50 lb bag of Bond Kote. Slowly add the 50 lb mixture of overlayment to the water and mix for approx. 3 to 4 minutes, until a lump free consistency has been obtained. Place material onto the surface and screed with a gauge rake set to the desired thickness. Smooth out material with a Fresno, or hand held pool trowels to consolidate the material. Allow the material to gain sufficient structural integrity to accept imprinting tools for impression work or for smooth trowel if desired.

### **Precautions:**

- Do not allow the Unipas Polymer mixture to freeze.
- Apply between the temperatures of 60 – 100 degrees Fahrenheit.
- Apply finish coat within 24 hours.
- Allow 4-7 days of curing before opening to vehicular traffic.
- Keep installed material from freezing for a minimum of 48 hours.

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**Warning:** This product contains Portland cement; avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush with water for 15 minutes. Consult a physician immediately. Keep out of the reach of children. Contains free silica – **Do Not** breath dust. May cause delayed lung injury. Follow OSHA safety and health standards for crystalline silica (quartz). See Material Safety Data Sheets for detailed information.

**Coverage Rates:** A 50 lb bag of Bond Kote will cover approximately 90 square feet @ 1/16” thick, or 45 square feet @ 1/8” thick.

**TECHNICAL DATA:**

**ASTM C – 109**

Compressive Strength

1 day 1500 PSI

7 days 3250 PSI

28 days 5890 PSI

**ASTM C – 190**

Tensile Strength

1 day 280 PSI

7 days 560 PSI

28 days 890 PSI

**ASTM C – 348**

Flexural Strength

1 day 210 PSI

7 days 290 PSI

28 days 550 PSI

Abrasion Resistance – GMS Lost

¼” Thickness Patch

after 24 hours - 1

after 7 days - 1

**WARRANTY STATEMENT**

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