

# MicroPave

## Specifications & Installation

### Product Name: MicroPave

#### Micro Top Flooring

#### PART I - DESCRIPTION

**MicroPave** is a high performance single component polymer fortified cementations microtoping. It is suitable for use to top, color, tint, or antique exterior & interior floors & walls ranging from residential to commercial and industrial applications.

#### PART II - ADVANTAGES

**Durable & long lasting, Highly flexible.  
Breathable, Excellent moisture resistance.  
Self priming, Fast drying & Self curing.  
UV Resistant.**

#### Part III - INSTALLATION

**Surface Preparation:** **MicroPave** can be applied on an array of bases. It is very compatible with new concrete, cement based tiles, terrazzo, masonry, and primed wood surfaces. All bases should be sufficiently rigid, and clean of any surface contamination that may prevent good bonding. Dense, smooth surfaces, and those retaining excessive amount of form release agent, can cause delamination from the base. Any painted or coated surfaces should be sandblasted or pressure washed to remove existing coating. Cracks should be corrected with a patching compound. Multi-Use Repair Mortar. Under extreme weather conditions, and on highly porous absorptive surface, the substrate should be moist.

**MIXING:** Mixing should be completed by a drill mounted jiffy type mixers. Always add clean potable water first. Mixing duration should be minimum 2 to 3 minutes to insure proper color and material dispersion within mix. Allow mix to stand for 5 minutes to release any trapped air.

**BONDING COAT:** pour 2 Gallons of water in a clean 5 gallon bucket . While using a 3/4" mixing drill with a paddle, slowly add the Bonding powder and mix for approximately three minutes. Adjust consistency if necessary and mix for a further two minutes until a uniform lump-free consistency is reached. Mix only sufficient quantities that can be placed within 45 minutes. Apply a thin coat of Bonding primer coat using a stiff bristle brush or a roller. The BondCoat fills all minor defects and its thickness should not exceed 2 mm at any point. Allow BondCoat to dry for 24 hours at least before application of **MicroPave**.

**APPLICATION:** Application temperatures should be between 5 degrees C and 25 degrees C. Always test a small area to ensure bonding ability and acceptance of appearance before total application. **MicroPave** may be applied by sponge, brush, roll, spray, or trowel. The ideal method for dosing water is parts by volume. Use all mixed material within 4 to 6 hours.

**Sponge, brush, and roll application:** **MicroPave** can be sponged, brushed, or rolled on using a roller with 1/2" nap for smooth surfaces, or 3/4" nap for rough textured surfaces. Generally the lower the amount of water, the more opaque the finish will be. A minimum of one part **MicroPave** to one part water is needed for workability. The mixture can be diluted with up to three parts water for a light tint.

**Spray application:** **MicroPave** can be sprayed using a gravity feed air spray gun, ideally having a 2.8 nozzle. All personnel in the area must wear an approved dust respirator while applying **MicroPave** by spray. Generally one part **MicroPave** to one part water is used for the first coat. If a blended effect is desired, apply consequent coat while the previous coat is still wet. If distinction between different colors is desired, allow each coat to dry for at least two hours before applying the next coat.

**Trowel application:** **MicroPave** can be applied using a trowel for a strong heavy wearing layer. Mix two parts **MicroPave** to one part water to achieve a workable paste. Lower amounts of water can be used, depending on applicator's preference. Apply each coat and allow to cure for a minimum of two hours between each coat. Different colors can be used to achieve an old world plaster look. The surface can be sanded with 320-800 mil sand paper to produce an elegant sheen, and to remove trowel marks if not desired. Allow a minimum cure of 12 hours before sanding.

**SEALING:** A Polyurethane Sealer is recommended to seal the surface against abrasion and absorption. The use of acrylic Sealers highlights and brightens up the appearance of the aggregates. On heavy commercial applications, a sacrificial wax coat application is recommended for maintenance.

**Packing:** **MicroPave** is packed in 25 Kg. Bags

**Available In Many Colors**