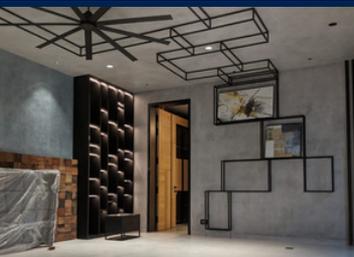


# DECORATIVE CONCRETE



## MICRO TOPPING WALL AND FLOOR OVERLAY

### DESCRIPTION

Microtopping is composed of a special polymer mixed with cement powder and pigmented with color stainers. (stairs, bathrooms, shower cubicles, furniture, washbasins). Forms a sturdy continuous covering without joints with a maximum thickness of 3 mm.

### SURFACE PREPARATION

1. Substrate should remain stable and be provided with any expansion, contraction and crack inducement joints necessary as any cracking, unevenness and faults in the substrate may be reflected through surface treatment.
2. Ensure surface is level, sound and free from any dust, laitance, dirt, oils and or loose materials
3. The existing joints must be mirrored through to the new surface. Badly damaged substrates/concrete or cracks need to be repaired prior to MICROTopping being applied. Repair mortars and epoxies are used for such repairs.
4. Apply on the substrate Epoxy-coat mixed with 20% quartz-sand (0,2-0,5mm) as adhesion primer and cover thoroughly the surface with quartz-sand. After 6-8 hours remove the loose excess sand

### TEMPERATURE/CURE

1. Air and substrate surface temperatures shall remain between 50°F (10°C) and 90°F (32°C) during and within 48 hours of placement.
2. Avoid high heat and / or windy conditions. Attempt to minimize application during such harsh conditions by working during cooler hours. Keep materials shaded prior to mixing.

## PACKAGING

(25 kg) bag

## MIXING RATIO

(4— 5 liter) water to (25 kg) bag of micro topping

## COVERAGE

Depends upon application and substrate.

## COMPRESSIVE STRENGTH

seven days strength = 15 MPA

twenty eight days strength = 25 MPA

## BOND STRENGTH

good bond strength with (i.e. ceramic, plasterboard, plaster, cementitious screeds, wood, concrete).

## WATERPROOFING QUALITY

good water proofing quality

## SHELF LIFE

Under normal conditions: when kept dry and moisture free, out of direct sunlight, the shelf life of an unopened bag is (6) months from the date of purchase. Storage must be under roof and off the floor. Rotate inventory to maintain product that is within limits.

## SUITABILITY SAMPLE

Due to condition specific sites, always prepare an adequate number of test areas.

## CLEAN-UP

Before Material dries; spills and tools can be cleaned up with water.

## LIMITATIONS

For use by trained professionals.

## WARRANTY

when used according to the directions, is limited to refund of purchase price, or replacement of product (if defective), at manufactures/seller's option. eBuild Store shall not be liable for cost of labor or direct and/or incidental consequential damages.

## APPLICATION

**Step 1:** Preparation: Agitate / mix the liquid polymer 3 minutes before use. Pour half the contents of the polymer into another clean bucket. Once mixed, slowly add the MICROTOPPING Base Coat and mix thoroughly to ensure there are no lumps or dry spots.

**Step 2:** Application of base coat: With a steel trowel, spread the first coat evenly to a maximum thickness of 0.5mm Allow the system to dry for approximately 4- 8 hours (dependant on ambient temperature / humidity)

**Step 3:** Application of Finish Coat or of High Performance coat: Apply the finish coat material in a very thin layer, with the trowel being used at a 45° angle. Cover the applied area completely and allow drying / curing to take place. Once dry, the area will need to be sanded to remove any burrs. Upon completion, the area should be vacuumed and wiped with a damp cloth to remove dust. If a smoother finish is required, a second finish coat layer should be applied. This will follow the same procedure as above. (Important: the overall thickness should not exceed 3mm).

**Step 4:** Application of polyurethane sealer or Acrylic Sealer to increase surface-resistance. Sealer can be applied on the surface with roller or airless to make the surface more scratch-resistance.

## CAUTIONS

**KEEP OUT OF REACH OF CHILDREN. Inhalation:** Avoid prolonged breathing of airborne dust, particularly present during mixing. Use approved respirator for nuisance if threshold limit values are unsafe. Skin Contact: Skin contact may cause irritation. Remove contaminated clothing and wash affected skin with soap and water. Launder clothing before reuse. If symptoms persist, seek medical attention. Eyes: Wear safety eye protection when applying. Contact with eyes may cause irritation. Flush eyes with water for 15 minutes. If symptoms persist, seek medical attention.