

# CEMIMAX DP400

## 2K Epoxy Resin Moisture Vapor Retarder and Surface Hardening Primer

### Description:

Cemimax DP400 is a 2-component solvent-free epoxy primer and bonding agent. Designed for use with Cemimax self-leveling underlayments and polishable overlays using the sand broadcast method. DP400 quickly and effectively brings subfloors to an acceptable condition.

### Especially suitable for:

- A vapor retarder for use up to 100% RH on scarified, very dense or smooth concrete
- Properly prepared epoxy coatings, ceramic tile, terrazzo and VCT
- Properly prepared sound and stable concrete substrates, both smooth and nonabsorbent as well as absorbent or profiled
- Use on cracked substrates as repair resin

### Product Properties:

- Bridges cracks
- Moisture control up to 100% RH
- Increase the strength of the substrate
- Very good resistance to chemical
- Excellent covering and filling capacity
- Solvent free

### Technical Data: (Under normal conditions at 20°C.)

Packaging: Metal can

Packsize: 12 kg by Set

Shelf-life: 12 months

Working temperature: Min. 5-30°C at floor level

Consumption: 300-600g/ m<sup>2</sup>\*

Drying time: 12-24 hours by foot traffic

Pot life: 25-30minutes

Mixing ratio: A: B=1:2

Working time: 2 hours

### Application:

- All surfaces should be structurally sound, dry, solid and stable.
- Clean surface to remove any contaminant bond breaking materials such as sealers, wax, oil and dirt.
- If mechanically polishing surface should be profiled using a grinder or bead blaster.
- After mixing A and B components stir the materials fully.
- Apply the primer evenly to fully cover the surface using a fine-pored foam roller cross-strokes

- Broadcast quartz sand (70-140#) to refusal while primer surface is wet.
- Use as moisture vapor retarder must be installed at a uniform layer thickness of at least 30 mils (0.1 perms). After application immediately at a back roll material (90 degrees to the direction of squeegee / trowel coat) using an Nylon Fiber Roller pre-saturated in DP400 solution.
- Allow to dry for 16-24 hours then vacuum loose sand. Apply leveling compound.

### Notes:

The product should be protected against frost and direct light during transportation, storage and application. Application temperature should not be lower than 5°C.

