

CEMIMAX DP400

2K Epoxy Resin Moisture Vapor Retarder and Surface Hardening Primer

Description:

Cemimax DP400 is a 2-component solvent free Epoxy resin primer used to improving the strength of the substrates. It can be used as crack repair for concrete, cement-based sub floors. It can also be used as moisture vapor retarder for concrete substrates with high residual moisture.

Especially suitable for:

Use on substrates with low damp conditions, on ceramic, terrazzo, stone sub floors, surfaces with well-bonded, waterproof adhesive and smoothing compound residues. Use on cracked substrates as a 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

Colour: Lightish Yellow

Working temperature: +5°C - 35°C

Consumption: Approx. 0.7m²/1 Litre-

Drying time: 12-24 hours by foot traffic

Pot life: 25-30minutes

Mixing ratio: A:B=1:2

Working time: 2 hours

Application:

- The subfloor must be sound, surface dry (no pooling, remove standing water), free from cracks, clean and free from materials that would impair adhesion. Test the subfloor in accordance with applicable standards and notices and report any deficiencies. Depending on subfloor condition, the upper surface must have a good key provided in all cases. Brush, abrade, grind or shot-blast to remove any weak or soft surface layers, e.g. soft screed edges, hard sinter, separating agents, loose residues of adhesives, smoothing compounds, coverings or coatings. Then thoroughly vacuum. Attention: Limited working time must be observed. *At 20°C/68° F and 65 % relative humidity

- 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
- At the same time throwing the quartz sand (70-140#) on applied primer surface. Sand consumption by 0.5-1kg/ m².
- The next day can be application of leveling compound.
- When used as a moisture barrier, a minimum of two coats is recommended. Apply the second coat as soon as the first will accept foot traffic, not later than 24 - 36hours.

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.

Composition:

Polyamine-hardened epoxy resin.

Protection of the work place and the environment:

Solvent-free. Non flammable. Comp. A: Contains epoxy resin/irritant. Comp. B: Contains amine hardener/corrosive. Both components: May cause irritations or burns to eyes, skin or respiratory system. May cause sensitisation by skin contact. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Use barrier cream, protective gloves and safety-goggles. In liquid form, "hazardous to the environment", therefore do not allow into drains, water courses or landfill. Observe safety information on product label as well as safety data sheet. Once cured, has neutral odour and presents no physiological or ecological risk.

Disposal:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Therefore collect waste material, mix both components and allow to harden, then dispose as Construction Waste.

