

CEMIMAX DP90

One component, low emission, multipurpose dispersion primer with carbon fibre technology for non absorbency substrates

Description:

Dispersion primer low emission, film forming primer for use over nonabsorbent surfaces including non-water soluble adhesive residues. The product can be diluted with water and for interior and exterior use, providing overlayment compound is applied within drying time of primer.

Suitable Substrate Conditions:

- Use on non-absorbent substrates, very suitable for existing surfaces in need of refurbishment, such as well-bonded and non-water-soluble adhesive residues including cutback adhesive.
- Dense & smooth surfaces, on soundly bonded ceramic and natural stone tiles, terrazzo, water resistant coatings, epoxy coatings or metal surfaces.

Products Features and Benefits:

- Ready to use
- Excellent bond
- Very fast drying
- Carbon fibre technology
- Solvent-free

Composition:

Modified styrene-acrylate copolymers, wetting- and de-foaming-agents, preservatives and water.

Technical Data:

Packaging: Plastic bucket

Packsize: 5kg, 20kg

Shelf-life: 12 months

Application Temp Range: +5°C - 35°C

Consumption: Approx 12m²/1 Litre

Drying time: Approx 1 hour

Touch Dry: 15-20mins

Consistency: creamy liquid

Colour: grey

Density (g/cm³): 1.38

pH: : 8.0

Dry solids content (%): 65

EMICODE: A+ - extremely low emission level

APPLICATION DATA (at +23°C - 50% R.H.)

Application temperature range: from +5°C to +35°C

Waiting time before applying render: 15-20 minutes (dependent on substrate's temperature and porosity)

Waiting time before applying smoothing compound: 30 minutes (dependent on substrate's temperature and porosity)

Limitations and Important Notes:

- Do not install over substrates containing asbestos.
- Some adhesives contain asbestos and some concrete compounds contain natural occurring silica which sanding could cause an unsafe environment when sanding.
- For moisture limitations on this primer, please refer to the moisture limits of the flooring that is being installed over.
- Minimum of 15° F at floor level for installation.
- Not suitable for installation over water soluble adhesive.

Substrate Preparation:

The substrate must be sound, load bearing, dry, free from cracks, clean and free from materials which would impair adhesion (e.g. dirt, oil, grease). The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported.

Any weakly bonded or soft surface sections (e.g. separating agents, loose residues of adhesives, levelling compounds, coverings or paints) have to be removed by brushing, abrading, grinding or shot-blasting. Used, smooth and non-absorbent substrates must be cleaned, after drying they have to be grind matt. Thoroughly vacuum to remove loose material and dust. Always allow the primers to dry completely.

Refer to the Product Data Sheets for other products used.

Application:

- ***Do not dilute with water***. Thoroughly stir container for until all settled clumps are off of the bottom and suspended in the liquid.
- This product should be applied in a full, even, thin coat by rolling it on with a ¾ nap nylon. Being careful to not leave any puddling behind at the roller edges as it will delay the drying of the primer and could cause issues with bonding.
- Allow to dry to a clear, transparent, almost tack-free film. When dry you should be able to feel an almost sand paper like feel on the substrate. Drying time for the DP 80 is about 20 min to an hour in cold humid climates.
- Clean equipment immediately with water. Mineral spirits may be may be used to remove primer that has dried on tools.

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Application Chart:

Allow to dry to an ochre-coloured film that will accept foot traffic.

Substrate	Consumption	Drying Time
Well-bonded, waterproof residues of adhesives and levelling compounds	100 – 150 g /m ²	approx. 45 min*
Dense and smooth substrates, e.g. ceramic and natural stone tiles, reworked stone, terrazzo, water-resistant coatings, epoxy coatings, metal surfaces, other dense substrates	70 – 100 g /m ²	approx. 45 min*
2k Epoxy MVR or 1k PU MVR	70 – 100 g /m ²	approx. 45 min*
Mastic asphalt that is old or un-gritted	100 – 120 g /m ²	approx. 45 min*
Magnesia- and approx. stone-wood screeds	100 – 120 g /m ²	approx. 1-2 hours*

*At 20 °C/68 °F and 65 % relative humidity.

Composition:

- Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Carefully and tightly reseal opened containers and use the contents as quickly as possible. Allow containers to come to room temperature before use.
- Optimum work conditions are 15 – 25 °C, floor temperature above 15 °C/59 °F and relative air humidity below 65 %. Low temperatures and high air humidity lengthen, whilst high temperatures and low air humidity shorten the drying time.

Protection of the workplace and the environment:

Solvent-free. Non-flammable. Requires no special protection or precautions in general use. Use of barrier cream and ventilation of the work area are recommended.

A+ – very low emission. Within the scope of current knowledge, gives off no emissions of formaldehyde, hazardous materials or volatile organic compounds (VOC). When fully dried, has a neutral odour and presents no physiological or ecological risk. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

Disposal:

Where possible, collect product residues and re-use. Do not allow to get into drains, sewers or ground. Empty paper packaging is recyclable. Collect waste product, mix with water, allow to harden, then dispose as Construction Waste.

**The above information is based on our experience and careful investigations. The variety of associated materials and different constructions and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information.

