

CEMIMAX DP89

Extremely high performance dispersion primer for absorbent subfloor

Description:

Dispersion Primer with a wide range of applications, for interior and exterior use, providing overlayment compound with all our levelling products is applied within drying time of primer. Not to be left exposed to the elements for more than 2 hours.

Suitable Substrate Conditions:

Use on absorbent subfloor, interior and exterior over concrete slap, screed substrate or cement base products .
Concrete substrates up to 85% RH.

Product Properties/Benefits:

- Ready to use
- Excellent bond
- Very fast drying
- Solvent-free

Product Properties/Benefits:

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

Technical Data:

PRODUCT IDENTITY	
Packaging:	Plastic bucket
Packsize:	5kg,20kg
Shelf-life:	12 months
Consumption:	Approx 10m ² /1 Litre
Drying time:	1-2 hours
Touch Dry:	15-20mins
Consistency:	creamy liquid
Colour	white
Density (g/cm ³):	1.38
pH:	8.0
Dry solids content (%):	65
EMICODE:	A+ - extremely low emission level
APPLICATION DATA (at +23°C and 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.
- 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:

- The surface should be clean, dry, and strong without coosepart loose layer should be completely removed by granulator, and the substrate should be cleaned thoroughly.
- The product can be diluted with water. The water proportion base on the substrate situation.(note: recommend diluted ration for 1:1)
- Apply the primer evenly to fully cover the surface using a fine-pored foam roller..
- Drying times: allow to dry to a clear, transparent, almost tack-free film. Dependant upon floor temperature and humidity, In favourable climatic conditions and on absorbent surfaces, a drying time of 1-2 hours is normally adequate.

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Application Chart:

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

Substrate	Dilution	Drying Time
Substrates with dusty or rough surfaces	up to 1 : 3	30 min.
Absorbent substrates, e.g. cement screeds	1:1	1 hour

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

Application Chart:

Dilution (primer : water)	Consumption
pure	100 – 150 g/m ²
1 : 1	approx. 75 g/m ²
1 : 2	approx. 50 g/m ²
1 : 3	approx. 40 g/m ²

Important Notes:

- 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.

