

Mastertop[®]Primer2

Two component epoxy surface pre-conditioner

Description

Mastertop[®]Primer2 is a high grade, low-viscosity, solvent-free, two component epoxy resin coating for mineral surfaces. Mastertop[®]Primer2 is used as a sealer or a filler with and without the addition of quartz sand.

Primary uses

Mastertop[®]Primer2 is suitable for the sealing of concrete surfaces, as well as for the filling of fissures and joints. To improve adhesion Mastertop[®]Primer2 is sprinkled with quartz sand while still wet to create a mechanical key for subsequent coatings.

Mastertop[®]Primer2 may be mixed with sand to the desired consistency to repair patches or form coverings. In either case the mixed mortar must be applied to a surface previously coated with Mastertop[®]Primer2 resin and whilst still tacky. Consult your BASF Construction Chemicals SA representative.

Advantages

- Low viscosity
- Solvent free
- Can be applied on damp cementitious substrates.
- Does not contain Benzyl Alcohol.

Colours

Colourless

Packaging

Mastertop[®]Primer2 is available in 12.43 kg kits.

Coverage

0.2-0.3kg/m² depending on surface texture and porosity.

Typical properties

Mixing ratio A:B	100 : 45 by weight
Mixed density at 20°C	approx. 1.09 gm/cm ³
Application time	approx. 30 mins. at approx. 20°C
Application temperature	+8°C - +40°C substrate temp
Recoat after	approx. 3 hours at +30°C
	approx. 5 hours at +20°C
	approx. 10 hours at +10°C
Tensile strength DIN 53455	approx. 30 N/mm ²
Breaking elongation DIN 53455	approx. 5%
Compressive strength	90-100 N/mm ² (depending on the aggregates)
Flexural strength	65-70 N/mm ²
E-module	3000-3300 N/mm ²

Guide to application

Cement-bound substrates

The surface to be coated must be clean and free of dust, oil and grease; it must be capable of bearing loads. Laitance must be removed by means of captive blasting, grinding or other suitable method.

Mixing

Mix the A and B components together until streak free.

Application

Apply by roller brush or airless spray at the required coverage to suit the application for which it is being used.



The Chemical Company

Mastertop[®] Primer2

Storage

Store under cover, out of direct sunlight and protect from extremes of temperatures.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF Construction Chemicals SA's Technical Services Department.

Safety precautions

As with all chemical products, care should be taken during use and storage to avoid contact with eyes mouth, skin and foodstuffs (which can also be tainted with vapour until product is fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF Construction Chemicals SA representative. BASF Construction Chemicals SA reserves the right to have the true cause of any difficulty determined by accepted test methods

Quality and care

All products originating from BASF Construction Chemicals' SA facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001:2000.

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

As all BASF's technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.

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