Si-Tech Sp. z o. o.
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METEOR PRIMER

EPOXY PRIMING RESIN FOR MOIST MINERAL SUBSTRATES - HYDRO VARIETY

APPLICACTION

For the priming of unsealed mineral substrates for epoxy floors and for strengthening substrates and eliminating dust. Due to its low viscosity Meteor Primer can be used for injection.

SUBSTRATE

The mineral substrate should be of class min. C20/25, with a stripping strength of min. 1.5 MPa. During curing, the resin is not sensitive to moisture, either from the substrate or from the air, however, the surface humidity of the substrate should not be higher than 15% (substrate that is dull damp, e.g. surface dried after flooding with water). It should be noted that sealing an unsealed substrate with an epoxy system may result in the system becoming detached due to the vapour pressure in the substrate.

ADVANTAGES

- increases the resistance of the substrate to the chemical aggression of certain media, provided that an impermeable layer is created (for details see the appendix to the technical sheet: **"Table of chemical resistance of the Meteor system"**)
- low viscosity
- very good adhesion to the substrate
- very good penetration depth
- possibility of backfilling with sand
- very good curing speed at reduced temperatures
- very good mechanical properties
- viscosity can be reduced by diluting with epoxy solvents

METHODS OF APPLICATION

Painting with a resin roller (nylon roller), brush.

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EFFICIENCY

Under normal conditions, on a non-absorbent substrate, z use is 0.15 - 0.25 kg/m² per coat.

MIXING AND PERFORMANCE CONDITIONS

Before use, mix Component A, add the weighed amount of Component B, mix thoroughly for approx. 3-4 minutes using a slow speed mixer. Once the components have been mixed, the curing process has begun irreversibly, always prepare a portion that can be applied evenly within approx. 15-20 min. Priming should be carried out at temperatures between 7 and 25°C. Relative air humidity is not important.

TECHNICAL PARAMETERS

	PARAMETER	VALUE	UNIT
1	Mixing ratio Component A Component B	 100 40	 by weight by weight
1	Density	1.00 to 1.20	[g/cm³]
2	Viscosity	400 to 600	[mPa*s].
3	Shelf life at 20°C	20 - 30	[min].
4	Curing time	24	[h]

TOOLS CLEANING

Clean tools and any contamination freshly with acetone or other epoxy solvent. If cured, the resin can only be removed mechanically.

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CLEANING AND MAINTENANCE OF THE FLOOR

- **Si-Clean** for daily cleaning and care
- **Si-Wax** self-gloss polymer paste
- **Si-Active Resin Clean** alkaline remover for thorough cleaning and removal of heavy soiling

STORAGE

Store resin and hardener in closed factory containers. Do not allow to freeze. Do not heat above 25°C.

CONTAINERS

Metal boxes (Component A and B)

HEALTH AND SAFETY REQUIREMENTS

Some components of flooring compounds in their uncured state are harmful to health. They can cause allergies in particularly sensitive individuals. Special precautions must be taken when carrying out the work. The rooms where the floors are prepared and applied must be well ventilated. Workers should wear: clothing, shoes, protective goggles and gloves. Detailed safety rules are given in the Safety Data Sheets of the ingredients. METEOR PRIMER epoxy flooring compounds, after curing, are physiologically inert for the human body, provide a washable surface, and therefore can be used in the pharmaceutical, cosmetic and food industries.

Note: *The above information has been compiled to the best of our technical knowledge, but is not legally binding.*

Hygienic Approval No. 406/322/414/2020

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