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

EPOXY, SOLVENT-FREE CONSTRUCTION RESIN

USE

For priming highly absorbent mineral substrates for epoxy floors. For making resin screeds, epoxy-mineral anchors of any thickness depending on the fillers used. For making joint compounds for various applications depending on the fillers used. For making epoxy-glass laminates (addition of xylene thinner is advisable) o r for making leveling layers.

FOUNDATION

The mineral substrate should be of class min. C20/25, with a peel strength of min. 1.5 MPa. The relative humidity of the substrate should not be higher than 4% (by weight). During curing, the resin is not sensitive to moisture, both from the substrate and from the air, but the surface moisture of the substrate should not be higher than 15% (dull damp substrate, e.g., surface dried after flooding with water). The substrate should be primed with an epoxy primer. The top layer must be free of cement polish, dirt, old coatings. The best way to prepare the substrate is blasting. Alternatively, the substrate can be milled or sanded to expose aggregates. Before priming, the surface must be dusted off and degreased.

ADVANTAGES

- total resistance to crystallization during storage
- versatility of applications
- low viscosity
- very good adhesion to the substrate
- very good penetration depth
- possibility of backfilling with sand
- very good mechanical properties
- possibility to reduce viscosity by dilution with epoxy solvents

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APPLICATION METHODS

Depending on the application.

EFFICIENCY

Depending on the application.

DIRECTIONS

Before use, Mix Ingredient A, add the weighed amount of Ingredient B, mix thoroughly for about 3-4 minutes using a slow speed mixer. After mixing the ingredients, the curing process has begun irreversibly, always prepare a portion that can be applied evenly in about 15-20 minutes. Work should be carried out at temperatures from 15 to 25°C. The relative humidity of the air should not exceed 80%.

TECHNICAL SPECIFICATIONS

	PARAMETER	VALUE	UNIT
1	Mixing ratio Component A Component B	 100 50	by weight
1	Density	1.15 to 1.25	[g/cm3]
2	Viscosity	750 to 1000	[mPa*s]
3	Shelf life at 20°C	20-25	[min].
4	Curing time	24	[h]

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TOOL CLEANING

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

CLEANING AND MAINTENANCE OF RESIN FLOORING

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

STORAGE

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

CONTAINERS

Metal cans (Component A and B).

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HEALTH AND SAFETY REQUIREMENTS

Some components of flooring compounds in their uncured state are harmful to health. In particularly sensitive people, they can cause allergies. Special precautions must be taken when performing the work. The rooms where floors are prepared and made must be well ventilated. Workers should use: clothes, shoes, goggles and protective gloves. Detailed safety rules are given in the Safety Data Sheets of the ingredients. METEOR STONE epoxy flooring compounds after curing are physiologically inert for the human body, give a washable surface, so they can be used in the pharmaceutical, cosmetic and food industries.

Note: *The above information has been prepared on the basis of our best technical knowledge, but is not subject to legal obligations.*

The product has Hygienic Certificate No. 406/322/414/2020

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