

# METEOR STONE W

## SOLVENT-FREE COLORED CONSTRUCTION EPOXY RESIN

### USE

For making base layers (for aggregate backfill) in car park systems. For making levelling compounds for various applications depending on the micro-fillers used. For making levelling layers.

### 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). Please note that sealing an unsealed substrate with an epoxy system may result in the system coming loose due to the vapour pressure in the substrate.

### ADVANTAGES

- total resistance to crystallisation
- versatility of applications
- very good adhesion to the substrate
- good penetration depth
- possibility of backfilling with sand
- very good mechanical properties
- viscosity can be reduced by diluting with epoxy solvents
- **available in all RAL colours**

## METHODS OF APPLICATION

Depending on the use.

## EFFICIENCY

Depending on the use.

## MIXING 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 minutes. Work should be carried out at temperatures between 15 and 25°C. Relative air humidity should not exceed 80%.

## TECHNICAL PARAMETERS

	PARAMETER	VALUE	UNIT
1	Mixing ratio Component A Component B	100 15	by weight by weight
1	Density	1.45 to 1.85	[g/cm <sup>3</sup> ]
2	Viscosity	2000 to 3500	[mPa*s]
3	Shelf life at 20°C	20-25	[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.

## CLEANING AND MAINTENANCE OF A RESIN 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 people. 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 STONE W 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.*

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