

METEOR COLOR

COLORFUL, HIGH-LEVEL EPOXY RESIN - **PARKING** version

USE

For making top self-leveling layers. For making base and closing layers in parking lot and industrial systems including food, pharmaceutical, etc. (systems backfilled with natural quartz sand). For making painted layers in parking (parking spaces) and industrial systems for medium pedestrian loads and medium vehicular traffic.

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). 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
- good spreadability
- versatility of applications
- very good adhesion to the substrate
- possibility of backfilling with colored or natural sand
- very good mechanical properties
- **available in all RAL colors**

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 started non-reversibly, always prepare a portion that can be evenly applied in about 15-20 min. Work should be carried out at temperatures between 15 and 25°C. The relative humidity of the air should not exceed 75%.

TECHNICAL SPECIFICATIONS

	PARAMETER	VALUE	UNIT
1	Mixing ratio Component A Component B	100 15	by weight
2	Density	1.45 to 1.485	[g/cm ³]
3	Viscosity	1360 to 2040	[mPa*s]
4	Shelf life at 20°C	20-25	[min].
5	Curing time	24	[h]
6	Response to fire	B _{fl} -s1	-
7	Resistance to temperature during operation	up to 70	[°C]
8	Water permeability	lack of permeability	-
9	Abrasion resistance	AR1 AR0.5 for smooth system	[class].

10	Compressive strength	>80	[MPa]
11	Bending strength	>60	[MPa]
12	Peel strength (primed surface)	>2,5	[MPa]
13	Surface hardness (14 days at 20°C)	Min. 80 Shore D	-
14	Impact resistance	≥IR4	-
15	Slip protection	R11 (for parking system on 0.4-0.8 mm aggregate) R9 (for smooth system)	-

TOOL CLEANING

Clean tools and possible contamination freshly with acetone or other solvent for epoxy - d. 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)

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 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 COLOR epoxy flooring compounds, after curing, are physiologically inert for the human body, provide 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