

# METEOR AQUA

COLORFUL SEMI-MATTE, VAPOR-PERMEABLE WATER-BASED EPOXY RESIN

## USE

For interior and exterior floor coatings. For making painted layers in parking lot systems, especially on the bottom slabs of underground parking lots, where vapor-permeable coatings are required. The resin is also suitable for protecting walls and other building elements on various mineral substrates.

## FOUNDATION

The mineral substrate should be stable, without cracks. Its relative humidity should not be higher than 4% (by weight). The top layer must be free of cement polish, dirt, old coatings.

The best way to prepare the substrate is blasting. Alternatively, it can be milled or sanded to reveal aggregates.

Before priming, the surface must be dusted off and degreased.

Paint diluted with water (up to 25% A+B) can be used for priming. First, thoroughly mix the ingredients A and B for 3-4 minutes. After mixing the ingredients, water can be added while stirring continuously.

## ADVANTAGES

- ease of application
- vapor permeability
- can be diluted with water
- total resistance to crystallization
- very good covering properties
- very good adhesion to the substrate
- very good mechanical properties
- increased UV resistance
- **available in all RAL colors**

APPLICATION METHODS

Stretch with a rubber squeegee a thin layer of resin on the floor, and then paint with a paint string roller or microfiber roller (hair length: 12-15 mm). The coating can also be applied with a roller / brush alone.

EFFICIENCY

Consumption per coat about 0.25 - 0.30 kg/m<sup>2</sup>. Do not exceed an application of more than 0.50 kg/m<sup>2</sup> per coat, as the properties of the coating (especially vapor permeability) may be lost. The next layer should be laid on a completely dry surface.

DIRECTIONS

Before use, mix Component A, add the weighed amount of Component B, mix thoroughly for about 3-4 minutes using a slow speed mixer. Once the ingredients are thoroughly mixed, the application properties can be corrected by adding water (to the top coat up to 10% of A+B). After mixing the ingredients, the curing process has begun irreversibly, always prepare a portion that can be evenly applied in about 60 min. Work should be carried out at temperatures between 15 and 25°C. The relative humidity of the air should not exceed 60%.

TECHNICAL SPECIFICATIONS

	PARAMETER	VALUE	UNIT
1	Mixing ratio Component A Component B	100 20	by weight
2	Density	1.25 to 1.45	[g/cm <sup>3</sup> ]
3	Shelf life at 20°C; after this time the product should not be used apply	60	[min].
4	Curing time	24	[h]

## TOOL CLEANING

Clean tools and possible contamination freshly with water, 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

Plastic and 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 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 AQUA epoxy flooring compounds after curing are physiologically inert to 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 does not constitute the subject of legal obligations.

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