

YAPIFINE® CURE ACR

Curing Agent



Product Definition

Acrylic resin based curing material, applied on freshly poured concrete; retains the water on concrete thanks to film layer it creates and prevents rapid loss of water, as well as shrinkage and cracking.

Areas of Use

- Indoor and outdoor spaces,
- For curing horizontal and vertical construction elements,
- Airports and field concrete,
- Channel concrete,
- Floor-hardening applications,
- While pouring concrete in areas with low humidity and high evaporation and airstream.

Advantages

- Economic and effective curing agent.
- Applicable with brush, roll or spray.
- Film layer detains sufficient humidity necessary for complete hydration of cement in order to obtain required concrete strength.
- Prevents formation of shrinkage and cracks.
- Dust-free; ensures more solid surface.
- All applications with cement or resin basis can be made on cured surfaces.

Technical Specifications

Appearance	White liquid	pH	7 - 9
Structure	Acrylic Copolymer Based	Drying Time	2 hours
Application Temperature	Between +5°C and +30°C	Service Temperature	-20°C / +70°C
Density	1 kg/L ± 0,03		

* Hereby technical values and product application instructions are obtained in the wake of tests conducted in environment of +23±2°C temperature with relative humidity of %50±5. Higher temperatures will shorten the time span, while lower temperatures will extend it.

 Packaging	30 kg plastic drum, 210 kg barrel
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 Consumption	Roll applications: 150 - 200 g/m ² Spray applications: 200 - 250 g/m ²
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* The amounts may vary depending on absorbing capacity and roughness of the surface.

Application Information



YAPIFINE CURE ACR is ready to use. Shake before using. Can be applied by a roller or a spraying machine onto freshly poured concrete. If second layer application is required; second layer should be applied 6 hours after the first layer application.

In case of a roller application it should be applied as a thin layer. The material should be evenly distributed all throughout and it should be made sure that pooling does not occur.

Application Conditions

Should not be applied when the ambient temperature is not within the values of +5°C and +30°C.

The application area should be protected from the effects of wind and direct sunlight.

Avoid application where there is a risk of frost in the first 24 hours after the application or in areas open to direct sunlight or wind.

Make sure the surface of application is not exposed to precipitation until it sets.

Do not add any material which is not mentioned in the instructions for the application.

The final consumption amount might vary depending on application conditions and surface characteristics.

Shelf Life

The shelf life of the product is 12 months when it is stored on wooden pallets in a cool, dry and moisture free environment with an ambient temperature between +5°C and +25°C.

Safety Precautions

The operator should be wearing proper work attire, goggles, mask and protective gloves appropriate to work and worker safety regulations.

In case of contact with the eyes, rinse with plenty of water before seeking immediate medical attention.

Rinse with plenty of water in case of contact with the skin.

For further information on the safe handling of this product please read the Safety Data Sheet (SDS).