



KOROCURE

Status 01/2021

temporary evaporation protection for intermediate curing of fresh concrete

DESCRIPTION

KOROCURE is a liquid temporary evaporation protection for intermediate curing. To protect the fresh concrete, depending on its grade, ambient and weather conditions, measures for intermediate curing should be taken acc. to DIN EN 13670:2011-03 in combination with DIN 1045-3:2012-03. The intermediate curing restrains the water in the concrete from evaporation, at wind and direct sun exposure. Thus, there is sufficient water in the concrete to allow the cement to hydrate properly.

APPLICATION

The temporary curing with KOROCURE starts immediately and in sections after casting of the concrete. In case the evaporation is higher than the expected bleeding, the intermediate curing has to start as early as possible. The same refers to a concrete installation at a water-cement ratio of $< 0,5$. Also here the surface must be protected by an intermediate curing. In case KOROCURE is used as primer for hard aggregate coatings, it is applied as soon as the concrete is ready for walking stress. There must be no standing water on the concrete surface, the surface should be matt-damp.

PROPERTIES

- ready to use
- solvent-free
- complete hydration
- reduces the water evaporation
- minimizes the formation of early shrinkage (hairline cracks)

TECHNICAL DATA

Condition	liquid
Colour	yellowish
Density (20 °C)	on average 1,0 kg/dm ³
pH-value	approx. 11
Material consumption depending on the absorbency of sub-base	approx. 120 g/m ²
Yield per 30 kg can	ca. 250 m ²

PROCESSING

Sub-base

Before curing, remove puddles and excessive water.

Processing

Before application, stir KOROCURE thoroughly. According to the intended use, the intermediate curing should be timely applied. KOROCURE is supplied ready to use and is sprayed undiluted over the surface as fine, dense mist using a suitable spraying device. Avoid formation of puddles. The effect of KOROCURE intermediate curing depends on the uniformity and tightness of the applied material film. Prior to the application of the KORODUR / NEODUR hard aggregate products, the surface cured with KOROCURE must be treated once with disk float! After use, clean all tools thoroughly with clear water.

SUPPLEMENTARY HINTS

KOROCURE does not replace the required after-treatment of smoothed KORODUR industrial floors.

SUPPLY

30 kg plastic container

STORAGE

Cool, dry and frost-free in original packaging. Reclose opened containers immediately.
Shelf-life approx. 12 months.

HINTS: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. WGK 1 (self-classification): hazardous to water. Avoid skin and eye contact if possible. Wear suitable protective gloves, work clothes and safety goggles when working. Keep out of the reach of children. Follow the instructions on the containers. The specifications provided in this data sheet for application and processing are based on tests carried out by KORODUR under ideal conditions in the laboratory and acc. to the relevant technical regulations. Therefore, the indicated data don't represent directions for application or a quality agreement in the meaning of § 434 (1) BGB, no regulation in the meaning of § 434 (2) sentence 2 BGB (German Civil Code) and no guarantee for practical application. Due to the differing conditions on site, preliminary own tests and suitability checks are required before application. Please consider the currently valid product information as well as the relevant safety data sheet acc. to Regulation (EC) No. 1907/2006 in the latest version – also published on the internet: www.korodur.de.



Certified
quality management system
DIN EN ISO 9001:2015



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