

Concrete curing agent

Description

ISOCURE is a paraffin-based water emulsion that is used for protecting fresh concrete from the quick evaporation of mixing water. More specifically:

- It reduces the possibility of showing hair cracks.
- It decreases the setting shrinkage of concrete.
- It ensures that the concrete will achieve the anticipated strength.
- It reduces surface-dusting, after the concrete has set.
- It increases the resistance to frost.

Fields of application

ISOCURE is used as an evaporation retardant - curing agent for fresh concrete. Particularly suitable for applying on large surfaces of exposed concrete, such as industrial floorings, parking areas, concrete slabs etc.

It may also be used as a separation layer (bond breaker), to prevent adhesion between old and new concrete.

Technical data

Form:	paraffin-based water emulsion
Color:	white
pH:	8.5 ± 1.0
Density:	1.00 ± 0.05 kg/l
Viscosity:	30-50 mPa.s at +30°C

Directions for use

ISOCURE should be thoroughly stirred before use, and be applied by spraying or brush in a uniform thin layer.

It is applied on the freshly-coated concrete surface, after evaporation of the skin-deep water (after 30-120 min), as well as on pre-cast concrete, immediately after removing the formworks.

Consumption

As a curing agent: 150-200 g/m², depending on conditions during application.

As a separation layer (bond breaker): 0.5-1.0 kg/m², depending on the absorptivity of the substrate.

Packaging

ISOCURE is supplied in plastic containers of 20 kg.

Shelf-life - Storage

12 months from production date, if stored in original, unopened packaging, at temperatures between +5°C and +35°C. Protect from direct sun exposure and frost.

Remark

In case of subsequent layers on the concrete surface, the material must be removed by water blasting.

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BUILDING CHEMICALS AND MORTARS

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