

EKOKAT CURE - PRF

Paraffin-based Concrete Curing Material



DESCRIPTION

Thea product is a paraffin emulsion-based, easy for use, liquid curing material which prevents the rapid loss of water in concrete.

TECHNICAL SPECIFICATIONS

Appearance	Grey powder
Amount of Consumption	6-7 kg/m ²
Application Temperature	+5 °C to +35 °C
Time Before Availability	Time Before Walk On: 24 hours
Heavy traffic	48 hours
Toxicity	Non-toxic
Pressure Strength	80-85 N/mm ² (28 days)
Wear Resistance	7.8 cm ³ / 50 cm ² (böhme method)

* The above values are valid for + 23°C and 50% relative humidity. Ç The time is shortened at high temperatures and extended at low temperatures.

AREAS OF USE

Thea product is used on horizontal and vertical concrete surfaces, field concretes, airports, concrete road applications, and canal and canalette concretes.

BENEFITS

It is easy to apply. It reduces the shrinkage cracks in the surface, which are caused by the fast drying process. As an alternative to the irrigation method and similar curing methods, it is more effective and economical. It provides a harder and dust-free surface.

INSTRUCTIONS FOR USE

The application should be performed following the application of concrete and surface hardener, after the concrete surface has set enough so that it would not deteriorate, after the water contained in the concrete surface has been evaporated, and immediately after the molds have been removed, and before the formation of the joints. The material should be thoroughly shaken before use. In case of applications performed using a brush or roll, the concrete must have set enough to prevent damage to the concrete surface. In spraying applications, a fine layer of equal thickness is sprayed onto the material surface. To ensure effective curing at exterior spaces and windy environments, the second layer can be applied 6 hours after the application of the first coat. After curing applications performed at exterior spaces, the concrete surface should be protected from external factors such as rain and snow for 2-3 hours. The concrete surface must be cleaned from the curing material for subsequent applications that are to be performed on the cured concrete. The material can be cleaned by pouring hot water and brushing it.

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PACKAGING

30 kg plastic jerrycans.

200 kg barrels.

STORAGE CONDITIONS AND SHELF LIFE

No more than two cans should be placed on top of each other in their unopened original packaging, in a cool and dry environment. Shelf life is 12 months from date of production under suitable storage conditions. Protect from sun and frost.

SAFETY MEASURES

Work clothes, protective gloves, goggles, and masks suitable for workers health and safety should be used during the application. Due to irritant effects of uncured material, it should be washed with plenty of water and soap immediately in case of contact with skin and eyes. If swallowed, seek medical advice immediately. No food and drink should be brought into application areas. Store it out of reach of children. Please refer to the safety data sheet for further information.

RESPONSIBILITY

Our Company may not be held liable for any application errors that might be suffered if the product is not used for its intended purposes, or if it is failed to conform to the conditions and proposals specified above regarding technical application. This technical data sheet contains information that is current as of the date of issuance hereof. The manufacturer hereby reserves its right to change this data sheet at any time.

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