

Teknokür 405

Emulsion Paraffin Based, Concrete Cure Material



Public Pos. No: 04.613/1-F

Product Description It is paraffin based, liquid concrete cure material avoiding fast water loss in concrete.

Areas of Usage

- It is used on prestressed beams and stakes,
- Car parks, garages, material storehouses, factories,
- Malls where human traffic is intense,
- Airports, concrete roads, channels and canalettes,
- Industrial structures, airplane hangars, helicopter runways etc. places.

Features and Benefits

- It reduces cracks arising due to plastic shrinkage,
- It helps concrete to get hydrated better with film layer it formed,
- It minimizes shrinkage, reduces dusting on surface,
- It increases frost resistance,
- It is a more efficient and more economical method as an alternative for bag, curing and watering and such cure methods.
- It is convenient for applying in closed areas.
- It is easy to apply.
- It is non-solvent, therefore it doesn't harm human health like cure materials with solvent.

Application Instructions

It is applied by brush, roll or spray. TEKNOKUR 405 application is applied 0,5-2 hours after ending all template, polishing, hardening application depending on the temperature. Concrete has to receive enough socket in order to avoiding to harm surface during application with brush and roll. Mix well before the application, after opening the package.

Application is carried out by roll, brush or spraying. TEKNOKUR 405 application is applied 0,5-2 hours after ending all template, polishing, hardening application depending on the temperature. Concrete has to receive enough socket in order to avoiding to harm surface during application with brush and roll. Mix well before the application, after opening the package.

Application Notes / Restrictions

- TEKNOKUR 405 is ready to use; therefore water it shouldn't be diluted with water.
- Shake TEKNOKUR 405 well before use.
- TEKNOKUR 405 was developed to spray onto surface constantly and in a thin film layer with hand gun or compressed air spraying machines.
- Apply with a low-pressure spray element without forming a pounding on surface.
- Convenient spraying equipment should be stated with tests.
- If it shall be applied successively to wide surfaces or a range of concrete elements, it can be applied with an automatic core spray system.
- Second layer may be applied in 6 hours following first layer application in order to provide efficient curing in open air and windy environments.

- Protect the area TEKNOKUR 405 applied from the rain for at least 2 hours or until drying completely and don't walk on it.
- Solver salt or sea water leaps may cause brightness loss or color change. Clean used tool and application equipment with hot water short after the use.

Technical Data

General Information	
Chemical Structure	Paraffin Emulsion Based
Appearance	White
Shelf life	12 months
Package	30 kg can 1 ton IBC
Wastage	150 - 250 gr/m ²
Density (kg/l)	0,98 ± 0,02
Duration of Drying	~135 minutes
Completed Surface Appearance	Transparent, smooth film
Application Temperature	+5°C - +30°C

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 27 days.

