

Teknokür 100

Acrylic Emulsion Based Concrete Cure Material



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Product Description	<p>It is a cure material applied after acrylic emulsion based concrete, creed and cement based surface hardener application which avoids mixture water to get vaporized with film layer it formed on surface fast and reduces retreat and crack formation risk.</p> <p>ASTM C 309 Type 1 Class A.</p>
Areas of Usage	<ul style="list-style-type: none">• It is applied for concrete cure treatment on newly poured concrete and all surface hardener applications.• It is used in places such as Car parks, garages, material storehouses, factories, malls where human traffic is intense,• All kinds of civil engineering constructions such as highway, barrage, subway, tunnel and bridge• Concrete road applications,• Industrial structures, airplane hangars, apron areas, helicopter runway.
Features and Benefits	<ul style="list-style-type: none">• It is more refficient and economic than wet material coating and watering type of cure methods.• It may be applied on any kinds of concrete surfaces.• It reduces cracks occurred due to plastic shrinkage.• It reduces shrinkage and crack formation risks.• It provides firmer and non-dusting surface.• It may comfortably be applied in outer and inner spaces as it doesn't include solvent.• It provides the highest resistance development by keeping water within concrete.• It is a more efficient and more economical method as an alternative for bag, cuing and watering and such cure methods.
Application Instructions	<p>Application surface should be preserved from external factors for 24 hours during curing treatments in open areas. Protective gloves, glasses and mask should be used during the implementation. Due to materials' irritating influences, the component shouldn't be touched eyes and skin in that case touching should be washed with the plenty of water and soap or in case of engulfment should be consulted to the doctor urgently. Concrete on a non-op n field that prevents the adhesion of the surface prior to application concrete should be cleaned of foreign substances It should be cleared of loose and friable particles.</p>
Application Notes / Restrictions	<ul style="list-style-type: none">• It should be implemented by spraying on newly poured concrete homogeneously or by roll.• Spraying devices and rolls used in application should be cleaned with warm water. If spray nozzle will be used again, it is suggested to keep nozzle waiting in water.• Second layer may be applied in 6 hours following first layer application in order to providing efficient curing in open air and windy places.• TEKNOKUR 100 is applied on jigged surfaces of field, road and tiling concretes and surface of formed concrete after removing forms which lost brightness.• Mix well before the application, after opening the package.• Applying TEKNOKUR 100 by spraying on concrete surface is suggested in order to provide a uniform structure.

- TEKNOKUR 100 should be implemented as a thin layer with roll. Distributing material in a balanced way, standing water should not be allowed to occur.
- in non-homogeneous applications, regional color differences may occur. Regional color differences will reduce in days following the application.
- TEKNOKUR 100, no mistake is seen except tone arising from application thickness or surface structure as it doesn't leave layer on surface in open areas convenient for wear with intense traffic.
- Immediately after application; hands and places contacting with skin using water and soap with warm water and detergent.
- After the application, yet it cures, clean tools using water.
- Product may irritate the skin. Protective gloves and goggles should be used. Protective cream may be applied to hand before starting work.
- in case of eye contact, immediately rinse eyes with warm water and seek medical advice.

Technical Data

General Information	
Structure	Acrylic Emulsion
Colour	White Liquid
Package	30 kg plastic jerry can 1000 kg IBC
Shelf life	12 months
Density(kg/l)	1,01 (± 0,03)
Consumption	0,15 - 0,25 kg m ²
Drying Time (min.) ASTM C 309	~135

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.

