

Teknocila 300

Concrete Varnish and Sealer



CE EN 1504-2

Public Pos. No: 04.613/1-F

Product Description

Acrylic based, high-performance, dusting-preventive, multi-use concrete varnish, insulation and protection material.

Areas of Usage

- To protect surfaces with concrete and other cement on buildings and infrastructures
- For grounds and walls with bright appearance demand
- To increase service life of concrete,
- To freshen up bright, colorless and surface which is ready to use for concrete surfaces with apparent aggregate,
- Surfaces surface hardener applied,
- Screed concretes,
- Concrete pouring on hot climates.

Features and Benefits

- It avoids dusting as it increases wearing resistance of surface.
- It is easy to apply as being one-component.
- It ensures concrete to be resistant against chlorine.
- It dries faster as solvent within removes very fast.
- As it increases sealing, it avoids cracks to occur as a result of liquid frost.
- It is used as polish thanks to bright film layer it formed.
- It protects concrete against atmospheric effects which can penetrate as salt or gases into concrete.
- It decreases showing dirt and color of concrete doesn't change with rain effect.

Application Instructions

Surface Quality: Surface has to be cleared of loose particles and cleaned from any kinds of materials avoiding to stick and dust, dirt and oil.

Surface Preparation: Exposed concretes in open areas without a coating over should have firm and dry surface and cleared of loose particles. Convenient surface preparation methods should be cleaned with

vapor, high-pressure water or roughening.

TEKNOCILA 300 is ready to use. Don't apply when raining is expected. Resolving salt or sea water leaps may cause brightness lose or color change.

Curing Phase: It doesn't require a special cure treatment, it should only be protected from rain for at least 1 hour by approximately +20°C only (It becomes resistant to dust in 30 minutes). Mix well before application and after opening package. It can be applied by brush or roll with short pile manually or by automatic spraying machines.

Application Notes / Restrictions

- Immediately after the application, before getting firm; equipment should be cleaned with TEKNO THINNER.
- Immediately after the application, used equipment and places contacting with the skin should be cleaned with warm water and detergent.
- 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 contacting mortar with eye, it should be washed with warm water immediately and medical support should be sought.
- As material includes, solvent, it should be avoided to contact with skin and eye, it should be washed with plenty of water in case of contact and medical support should be sought. Protective gloves and goggles should be used and material shouldn't be inhaled.
- As it is a burnable material including solvent, smoking should definitely be forbidden and any fire source such as welding, cutting machines should be kept away.
- Implementer should be rested for a certain period in open area approximately every 30 minutes in application carried out in closed spaces.

Technical Data

General Information	
Color	Transparent Liquid
Package	17 lt Tin
Shelf Life	12 months in unopened original package
Flashing Point	+90°C
Density (kg/lt)	0,92 (± 0,03)
Application Information	
Pot Life	2 hours
Consumption	Brush, Roll: 0,100 - 0,200 liter/m ² Spraying: 0,150 - 0,250 liter/m ²
Temperature of Surface to Apply	(+5°C) - (+35°C)
Dry Film Thickness	135 (±15,00) µm
Complete Cure	5 days
Standards	in accordance with ASTM C 309-81

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.

