

Teknocila 400

Water Based Concrete Varnish and Sealer



Product Description

It is a white surface protection which is water based, high-performance, acrylic based and doesn't disappear on surface and specially developed as last layer varnish material for transparent, mineral surfaces.

Areas of Usage

- On concrete surfaces such as self-leveling required to be protected against water,
- As protection on some decorative ground and wall coatings such as marble effect.
- As an alternative on places where wet effect given by concrete polishes with solvent are not demanded.

Features and Benefits

- It prolongs service life of cement based coatings.
- It is water-resistant.
- It is resistant against many stains and chemicals.
- It doesn't prevent transition of water vapor.
- It increases wearing resistance of the surface and prevents dusting.
- It is easy to apply because of being one-component.
- It doesn't involve solvent within.
- It is used as polish thanks to semi-lustrous film layer it formed.
- It reduces to show the dirt and color of the concrete doesn't change by the effect of the rain.
- Cleaning can be made by water after the application as product is water-based.

Application Instructions

TEKNOCILA 400 (polishing) which is ready to use is applied on surfaces which completed cure and rubbed down with the help of brush, roll, sponge or spraying machines as 2 layers. Shake the product before use! Application tools should be washed with water immediately after the use. Temperature of the environment and surface to apply should be minimum +5°C during the application and following 24 hours.

Application Notes / Restrictions

- 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 with eyes, eyes should be washed with warm water immediately and medical support should be sought.
- More layers should be applied to protect excessive absorber surfaces against water.
- Brightness of surface will increase as long as amount of consumption increases.
- More layers should be applied for water resistance.
- More layers should be applied for water resistance in applications made by excessive dilution.

Technical Data

General Information	
Appearance	White liquid
Intensity	1,03±0,03 gr/cm ³
Structure	Acrylic Emulsion Based
Package	10 and 30 liter metal and plastic bins
Shelf Life	12 months
Duration of Drying	Completely drying and hardening; 7 days Waiting Period Between Layers; 2-3 hours
Surface and Environment Temperature	Between +5°C - +35°C
Touch Dry	~60 min. (20°C temperature)
Waiting Period Between Layers	2 hours
Consumption	0,1 -0,15 kg/m ²
Taber Abrasion Resistance (TS 8103 EN ISO 5470-1) (CS 10 tires, 1000 gr weight , 1000 cycles)	Max. 60 mg (TEKNOCILA 400 provides 65% more abrasion resistance than TEKNOSELF 500 surface which is not applied.)

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.

