

Teknoserbaski

Stamped Concrete Surface
Hardener With Different Colors



CE TS EN 1504-2

Public Pos. No: 04.613/3F04

Product Description

Quartz aggregate and other additives, resistant to wear and tear, used as monolithic on fresh concrete, ready to use, stamped concrete surface hardener with many standart colors.

Areas of Usage

- Indoor and Outdoor
- Car park,
- Garage and ramps,
- Decorative appearance requested place,
- Hangars and mechanical workshops,
- Tunnels, subway stations,
- Sidewalks, fairgrounds and shopping malls where pedestrian traffic is intense,
- Wear resistance is applied in requested areas.

Features and Benefits

- It is used by sprinkling on fresh concrete by hand or with a machine.
- Provides resistance to dust.
- It is more resistant to wear.
- It is more resistant to strike.
- It increases the impermeability of concrete.
- It increases an aesthetic, colorful and decorative surface.
- High resistance occurs due to low water/cement ratio on the concrete surface.
- The hardener becomes part of the concrete structure applied.
- It shows resistance to the cracking of the concrete resulting from the freeze - thaw.

Application Instructions

Before applying TEKNOSER BASKI, it is very important that the floor is ready. Otherwise, cracks will occur in the concrete. If the oil to be applied; compression should be done very well.

For this reason, after compressing the ground with cylinders, the cylinder must be wetted with water tank and passed over again. Surface tests such as layer test should be done to check that the hardener can be made. These procedures must be repeated until the ground is well pressed. In order to prevent the concrete to lose its juice and to prevent cracks sera nylon is laid on the soil surface. If TEKNOSER BASKI ground hardener will be applied by pouring screed concrete on the existing concrete, after the concrete surface is cleaned, floats or monolithic screed application should be chosen according to the Project needs. Before the application ano should be formed in square form by planning according to the Project, the crack joint t should be determined and the screed should be made according to these principles. If the box profiles will be used while anos are formed, the mortar used for fixing should be removed when the screed is poured. Ano molds should be cleaned before each application and a TEKNOIL mold separator should be used to remove the edges of the screed concrete.

Ano molds used when pouring screed concrete should be designed at the height of the screed. The fact that the tools to be used have a lamp-zipped structure will prevent the concrete under load from collapsing through the cold joint sections.

A min of 2 cm thick thermal insulation plate is placed in such as walls, curtain walls around the floor to be applied to the press concrete. In the middle column, elevator curtains, curtains around the min 2 cm heat insulation plates are applied.

In this way, a gap is created to allow the screed concrete to run. This allows the cap to expand and shrink freely without cracking. The gaps left after the completion of the application should be filled with TECHNOLIDERZ 1K or 2K.

TEKNOSER BASKI should be sprinkled in such a way that it does not decompose when applied. Sprinkle process, according to ambient and weather conditions, when the concrete is on, 0,5-1,5 cm deep footprints should be hardened enough to remain. The material should not be poured on the surface as a lump, sprinkled as homogeneously as possible and corrected with a squeegee. If the material is poured onto the surface and spread with a plinth, the material should be scraped off and cleaned from the surface where the first poured material remains thicker. In the first stage, 2/3 of total consumption should be sprinkled on the concrete surface and spread with the help of a squeegee or a machine.

After the concrete is hardened enough, surface should be cut at least 4 mm width and the joints should be formed. The joints created should be filled with TECHNOLIDERZ 1K or 2K in order to prevent the problems such as cracks and dust from the joints.

Light colors such as yellow, blue, white the TEKNOSER BASKI application is definitely not recommended. If it is to be done again at least 6-7 kg/m² and 1/3 should be applied at 3. Immediately after the polishing, the mold separator technique is sprinkled on the surface and the printing process is started with the molds. After 1-2 days, the surface is washed with pressurized water until the desired effect and image is obtained. Joints are cut in 1-3 days.

TEKNOCILA 300 can be applied to the cleaned and dried TEKNOSER BASKI surface from the mold separators. Wet appearance in undesirable situations, polish process should be done with TEKNOCILA 400.

Application Notes / Restrictions

- The press concrete application is done with timing, depending on the quality and type of concrete to be applied, weather and ambient conditions. Application speed increases in hot weather, application speed decreases in cold weather. When applying, attention should be paid to the setting stages of concrete.
- Product may cause sensitization by skin contact. Protective gloves or goggles should be worn. Protective cream can also be applied before work. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Application should be avoided in windy, extreme cold and hot weather conditions.
- In cases where relative humidity drops below 40%, fluorescence may occur depending on the type of cement used in the concrete used.
- Joint cutting should be done as soon as possible, after the application. If it is cut after 3 days, it will be difficult to cut and concrete cracks will be seen on the surface.
- The application of pressure concrete should not be done in very windy or dry air conditions.
- Some of the cement is replaced with volatile ash, concrete is more sticky and workability is low should not be used.
- Changes in concrete properties such as water and cement content can cause slight differences in color.
- Depending on the natural variety of concrete applied to the pressure concrete can create a difference in color.
- To ensure color consistency and continuity, the floor placement process should be done as clean and protected from the environment as possible.
- During the drying process, color differences are normal and expected. Each process must provide a proper TEKNOSER BASKI application.
- Suitable dark colored TEKNOAYRAC for the ancient look should be preferred.

Technical Data

General Information	
Color	Various Colors
Shelf Life	12 months in dry environment in unopened packaging
Package	25 kg kraft bag
Application Information	
Outlay	3-5 kg/m ²
Application Temperature	(+5°C) - (+30°C)
Cleaning Duration	4 hours (+ 20°C)
Performance Information	
Bending Resistance	≥ 7 N/mm ²
Compressive Resistance	≥ 50 N/mm ²
Wear Resistance (According to the Böhme Method)	≤ 5,5 cm ³ / 50 cm ²
Fire Resistive	A1

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 28 days.

