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AT A GLANCE

Strong bond

Fine penetrating aggregates

Can be mixed on site

Can be adapted to all Seamless Floors

Indoor and outdoor usage

Simple to use

Pigments can be added

DESCRIPTION

ProEco Fill is a binder and pore-filler indicated for porous mineral floors. Its composition with special fine aggregates fills the pores or pinholes on surfaces that are ready to be ground and polished.

ProEco Fill is a product made from Portland and special cements, selected aggregates and special chemical additives. It is designed for Seamless' indoor and outdoor products, but can also be used for most other mineral surfaces.

- Opening Time: 10 min to 1 hour (depending on the temperature)
- Drying Time: 4-12 hours
- Density: 1300 g/l
- Consumption: 0,050-0,500 kg/m² (depending on the porosity of the surface)
- Water mixing rate 25-30 %
- Mixing: The slurry needs to be a fluent and lump free cement paste.



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Application

Before applying ProEco Fill, the surface should be totally clean and dry. It is important to check that there is no presence of dirt or water in the pores. The best way to clean the floor is repeated cleaning with a scrubber dryer with brushes. Additional brushing helps to get the dust out of the pores. Make sure that the scrubber dryer is in good conditions and has a strong and well functioning vacuum.

If dry cleaning is used, it must be done with good and strong vacuum cleaner. Brushing the floor or using a compressed air gun will help to get the dust out of the pores. Do not use pads.

ProEco Fill should be applied after grinding with metal bond diamonds (100/120 grit) or after the first grind with 50 or 100 grit resin.

ProEco Fill powder is then mixed with water with a slow speed drill mixer until you have a fluid homogeneous paste with good workability. Apply the filler on the floor and work it into the pores with a trowel or a swing machine with flexible plastic blades.

Make sure that you work the material well into the pores, going over the same spots several times. The material should be used to fill the pores, but not leave a film on the surface.

For a good and homogeneous result it is essential that you have no excess on the floor and that all excess has been scraped off. Excess material may cause staining on the floor.

After 6-24 hours you continue the grinding with the same grit as before the pore-filling. Repeat the pore-filling process if necessary.

IMPORTANT NOTE

ProEco Fill should be matched to the color of the floor. ProEco Fill is a neutral white powder with added pigments and it is normal that adjustments must be carried out on the job site. The test should be made following all the steps in the pore filling process. This is of vital importance in order to verify that the filler has the desired color and to be able to adjust it before the application.

There are several factors that influence the color on cement based products, like the curing, weather conditions, type of diamond used, gloss level, type of surface etc. Therefore, even if we intend to make the filler as close to the floor color as possible, it will normally be necessary to do a small adjustment on site.

Avoid excess of application as it may leave marks on the floor.

ProEco Fill

Pore-filling for concrete & mortars

October 2020

Production, packaging, storage and validity

Packing: 20 kg-bags. The pigments for the adjustment of the color of ProEco Fill are manufactured and packed together with the filler. Store in a dry place at stable temperatures protected from direct sunlight. If the product is stored properly, as described above, the shelf life is 12 months from the date of production.

Cleaning

The tools can be cleaned with water within the first 30 minutes of finishing the work. The tools are easy to clean with a sponge or soft brush.

WARNING: DO NOT BREATHE DUST. AVOID CONTACT WITH SKIN AND EYES.

ProEco Fill does not cause dust during application, but it is important to take traditional precautions when sanding the material after curing.

Exposure to cement dust may irritate eyes, nose, throat, and the upper respiratory system/lungs.

Silica exposure by inhalation may result in the development of lung injuries and pulmonary diseases, including silicosis and lung cancer. Seek medical treatment if you experience difficulty breathing while using this product.

The use of a NIOSH/MSHA-approved respirator (P-, N- or R-95) is recommended to minimize inhalation of cement dust.

Eat and drink only in dust-free areas to avoid ingesting cement dust.

Skin contact with dry material or wet mixtures may result in bodily injury ranging from moderate irritation and thickening/cracking of skin to severe skin damage from chemical burns. If irritation or burning occurs, seek medical treatment.

Protect eyes with goggles or safety glasses with side shields.

Cover skin with protective clothing. Use chemical resistant gloves and waterproof boots. In case of skin contact with cement dust, immediately wash off dust with soap and water to avoid skin damage. In case of skin contact with wet concrete, wash exposed skin areas with cold running water as soon as possible.

In case of eye contact with cement dust, flush immediately and repeatedly with clean water, and consult a physician. If wet concrete splashes into eyes, rinse eyes with clean water for at least 15 minutes and go to the hospital for further treatment.

LIMITED WARRANTY

Eton's S.r.l. warrants its materials to be of good quality and, at its option, will replace or refund the purchase price of any material proven to be defective within one (1) year from date of purchase. The above remedies shall be the limit of Eton's S.r.l.'s responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. Eton's S.r.l. shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the materials.