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AT A GLANCE

Silicate technology
Environmental friendly
VOC and APEO free
Water vapor permeable
Reduces surface abrasion
Indoor and outdoor use



DESCRIPTION

ProDuro 360 is a special designed silicate sealer for the ProEco Crete product range. It penetrates deep into the substrate where, through chemical reaction, it consolidates and protects against penetrating moisture and chemical stress. ProDuro 360 is an essential part of the ProEco Crete flooring system.

Properties and areas of application

Silicate technology
Environmental friendly
Water Vapor permeable
VOC and APEO free
Solidifies the substrate and increases the chemical resistance
Reduces surface abrasion
Odorless
Protection against efflorescence
Waterproof up to 2.5 bar after 1 day
Makes ProEco Crete fire and heat resistant
Indoor and outdoor use
Permanent protection against ground water, salt water and strong chemical stress
Protection against carbonation
For protection and restoration of drinking water reservoirs, sewage plants and wastewater pipes
Suitable for concrete, facades, walls, cellars, horizontal barriers, pipes and all cementitious substrates



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TECHNICAL PROPERTIES AND CHARACTERISTICS

Basis	Water based, inorganic
Ph	11.5
Maximum admitted air humidity	Maximum of 80% r.H
Density	1.1 g/cm ³
Viscosity	100 mPas
Application temperature	Min. +5 °C, max. +55 °C
Consumption	50 - 800 gr per M ² in 2 Depending on substrate
Applications	Minimum of 2 applications



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Substrate preparation

ProDuro 360 is applied on one-day-old ProEco Crete, before the floor is finished with sanding, grinding or polishing.

Application

ProDuro 360 has to be sprayed undiluted on the substrates. It is brushed/rolled on into the surface. It should be applied at least twice (wet-on-wet), to ensure that the entire floor has been saturated and impregnated without puddles or sacking on the floor.

Every application has to penetrate completely into the substrate. The application should be repeated until the substrate is saturated. Excess should be avoided and cleaned up. The surface must be protected against rain and moisture for 24 hours after application.

If the floor is covered during the first week after application make sure that it is covered with breathable materials. After 7 days, an air-tight cover is possible.

Incorrect application of the product can cause optical variation in the surface. Therefore it is important to carry out a sample. The sample should be applied at least one day before, to see the result after curing.

Special precautions

On decorative surfaces we recommend testing a sample on a small area. The sample should be made at least one day before application. If used on decorative floors made with ProEco Crete product range, the floor should be misted with water before the application of ProDuro 360. Do not leave puddles. The water should be distributed evenly with a micro-fiber mop. Too high concentration of ProDuro 360 may stain the floor and cause effloresces.

Do not apply on non-absorbent surfaces. Please protect glass, tiles, clinker and similar against splashing of material!

Aluminum cannot come into contact with the material. Staining must be washed off immediately with water. When the work is interrupted, the tools should be cleaned. It is important to ensure that ProDuro 360 does not stain the surface prior to application.

Drips from tools or marks from footwear with ProDuro 360 can cause efflorescence marks on the floors.

Tools and cleaning

All equipment like brushes, paint roller or sprayers should be washed clean and dried before and after application.



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PRODUCT DATA SHEET

ProDuro 360

Silicate sealer

October 2020

Production, packaging, storage, safety and validity

Available as 10, 20 liter canisters or 200 liter drums or 1000 liters IBC. The product can be stored in its original containers for 12 months in dry and temperature controlled areas (not below 0 °C). Recommended storage is between 10 – 25 °C.

Reseal opened containers immediately and use within a very short time.

ProDuro 360 is an alkaline liquid. Please refer to the Material Safety Data Sheet.

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.