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PRODUCT DATA SHEET

ProEco Primer A6

Universal primer

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AT A GLANCE

Every Strong Bond
Easy to apply with broom
Environmental friendly
VOC and APEO free
Reduce substrate porosity

Versatile - Single primer for a wide range of substrates
Tiles, Wood, Steel, gypsum, resin floors, stainless steel, etc.etc.
Indoor and outdoor use



DESCRIPTION

ProEco Primer A6 is a premium quality, solvent-free, concentrated acrylic resin & cement powder primer for all Etonsurfaces Inc. Products.

ProEco Primer A6 is extremely versatile. It can be used on almost any substrate including concrete, lightweight concrete, PVC, well bonded VCT/VAT, cutback, adhesive residue, gypsum, terrazzo, resinous floor coatings, wood, steel, copper, lead, stainless steel, quarry and ceramic tile.

The liquid part creates a film that reduce the risk for air bubbles in the topping. The reaction between the cement powder and the liquid component give a textured surface and strong bond. It can also be used to fill the joints on tiled floors and smaller holes on old concrete floors.

ENVIRONMENTAL ADVANTAGES

You can use ProEco Primer A6 for Green Building projects with strict environmental and indoor air quality requirements.



TECHNICAL PROPERTIES AND CHARACTERISTICS

Basis	Liquid: Water based, inorganic Powder: Special cements and aggregates
Ph	Liquid: 8,5-9,5
Maximum admitted air humidity	Maximum of 80% r.H
Density	Liquid: 1.2 g/cm ³
Application temperature	Min. +5 °C, max. +55 °C
Consumption:	Depending on substrate

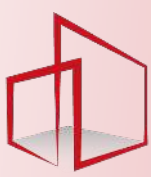
Substrate preparation

The substrate shall be clean and free from dust, oil or any contaminants which may contribute to decreased bond. A tensile pull test should be taken in order to determine surface bond strength on the substrate. If a tensile bond test is not performed or fails to meet a minimum of 216 psi (1.5 Mpa) required for Etonsurfaces Inc. toppings, mechanical removal of weak surfaces must be completed. Clean the surface down to a sound and solid substrate by shot-blasting, scarifying or similar method. Remove any loose particles and then vacuum. If the floor is too bad it might need replacement. We recommend as a minimum always to open the pores on the surface through grinding.

Surface should be primed with ProEco Primer A6 and allowed to dry. The substrate temperature should be a minimum 43°F (6°C) during application and air temperature maintained between 50-77°F (10-25°C). Adequate ventilation should be provided to ensure uniform drying.

Mixing

ProEco Primer A6 is prepared with a drill mixer. See the following mixer guide. The solution of water and primer is easily mixed by stirring. Always ensure good ventilation when doing priming work, since it promotes drying.



On Concrete/Screeds and Overlays

Open the pores through grinding or sanding.

If the Substrate is very porous

Dilute ProEco Primer A6 liquid with 5 parts of water and brush into the floor. Apply a second time. Dilute ProEco Primer A6 liquid with 3 parts of water and brush into the floor.

If the Substrate is porous

Dilute ProEco Primer A6 liquid with 3 parts of water and brush into the floor.

Dilute ProEco Primer A6 1:1 with water. Spread ProEco Primer mortar into the surface and brush it in till you get a textured surface.

On Ceramic/Quarry tile or Steel

Grind the surface so you have open pores. Dilute ProEco Primer A6 liquid with 3 parts of water and brush into the floor.

Dilute ProEco Primer A6 1:1 with water and apply on the floor. Spread ProEco Primer mortar into the surface and brush it in till you get a textured surface.

If you have joints in the tiles make a slurry of 1 part ProEco Primer Liquid, 1 part water and 1 part ProEco Primer A6 mortar. Fill up the joints with the slurry, before you prime the entire floor.

On Wood

Sand the wood. Apply mesh over the joints in the wood. If the wood is porous apply ProEco Primer A6 liquid diluted 1:5. If the floor is smooth make a slurry mix. 1 part ProEco Primer A6, 1 Part water and 1 Part ProEco Primer A6 mortar. Brush it onto the surface.

On wooden surfaces you should use mesh over the joints between boards.

Consult for other surfaces.

Application

ProEco Primer A6 can be used on most types of common commercial and residential substrates. Please follow proper mixing dilution rates from chart for specific substrates. Standard absorbent concrete and most water-based adhesives should be primed 3 parts water to 1 part ProEco Primer A6. Extremely absorbent concrete should be double primed starting with 5 parts water to one part ProEco Primer A6 Liquid. Let dry 2 to 3 hrs. Second primer application with 3 parts water to 1 part ProEco Primer A6 Liquid.

For Wood Substrates. Use first 1 part water to 5 parts ProEco Primer A6 Liquid. For all other non-porous substrates including metal, ceramic or quarry tile, well adhered VCT, VAT & PVC and cut-back adhesive residue, use Slurry Primer. 1 part ProEco Primer A6 Liquid, 1 part water and 1 part ProEco Primer powder.



Standard application

The primer solution should be distributed evenly over the floor surface and then brushed into the substrate with a soft bristled push broom. Avoid puddling of primer. When applying with a pump sprayer, make sure to cover the substrate with an even coat to ensure proper penetration and follow immediately behind to work into the surface with a push broom.

Tools and cleaning

Tools and equipment can be cleaned with water. Note that dried ProEco Primer A6 is very difficult to dissolve and any spills should immediately be cleaned up with water. The primer must dry before filling work begins. Drying time is 1 to 3 hours depending upon climate conditions.

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

Curing and protection/drying time

Typical drying time averages range between 1 to 3 hours depending upon temperature, humidity and air flow. Low substrate temperature and /or high ambient humidity require longer drying times for ProEco Primer A6. Turn off all forced ventilation and radiant heating systems before priming. Do not install Etonsurfaces Inc. Seamless Series or ProEco Crete Floors before the ProEco Primer A6 has dried thoroughly.

Limitations

Substrate temperature should be a minimum 43°F (6°C) and air temperature maintained between 50-77°F (10-25°C) during and up to 72 hours after application.

Production, packaging, storage, safety and validity

ProEco Primer A6 Liquid is available as 20 liter canisters or 200 liter Drums or 1000 l IBC. ProEco Primer A6 Powder comes in 25 kg bags. 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).

LIMITED WARRANTY

Etonsurfaces Inc. 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 Etonsurfaces Inc.'s responsibility. Except for the foregoing, all warranties expressed or implied, including merchantability and fitness for a particular purpose, are excluded. Etonsurfaces Inc. shall not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of the material.