



Ekocem Raso

Universal cement-resin smoother

Product:

Ekocem raso is a one-part pre-mixed cement binder compound, containing selected inert silicates, chemical additives and synthetic resins. It enables a smooth coat to be laid on which a synthetic (non solventbased) paint may be applied.

Advantages:

- Applicable on any kind of support even if not absorbent, such as plastic coverings.
- It avoids the use of flame or acids to remove the old plastic covering.
- It allows fine finishing with a trowel in white or grey.
- Optimal workability.

Field of application:

For finishing and smoothing surfaces on vertical, horizontal, internal and external walls even if not absorbent. It covers irregularities of up to 5 mm, even if painted over, provided they are stable and well anchored. Ekocoll is suitable for finishing over cladding systems. It can be painted over.

Suitable supports

Concrete
Old and new plasters.
Polystyrene or expanded polyurethane panels.
Well anchored plastic coverings and painted surfaces in general.
Non-absorbent supports such as glass mosaic, wood, cement etc.

Product information data

▪ Containers	20-25 kg bag
▪ Appearance	grey or white cement powder
▪ Specific weight	1,7 kg/l
▪ Granulometry	< 0,8 mm
▪ Average consumption per cm of thickness	1.7 kg/sq m

Application:

Preparation of the supports

The surfaces must be seasoned, solid and clean of dirt or dust. Any traces of oil, greases or wax and any loose parts must be removed. Old plastic covering must be washed and all the loose parts removed and restored using Ekomalt S 4.

Dampen all supports in advance if they are cement or cement plasters.

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Method of application:

Mix Ekocem raso with a drill mixer in about 5 l of clean water for every 25 kg bag until a smooth paste with a plastic texture is obtained. The product must rest for approx 10 minutes. Briefly re-mix and apply the product using a stainless steel spatula. The thickness for every application is 2-3 mm. If there are cracks a furring should be inserted between the first and second coat. Finish with a trowel.

Technical data

▪ Resistance coefficient to water vapour	$\mu < 70$
▪ Water in the mixture	20% approx
▪ Maximum thickness for every application	3 mm
▪ Maximum total thickness	5 mm
▪ Pot life	1 hr
▪ Compression resistance after 28 days	16.5 MPa
▪ Stiffness after 28 days	> 3.5 MPa
▪ Adhesion to concrete after 28 days	2.1 MPa
▪ Usage temperature 12months if kept	+5 ° C/ + 35° C
▪ Storage	12 months if kept in a dry place and in the original containers
▪ Equipment	drill mixer, stainless steel spatula, trowel

Please note:

Do not apply the product on overheated surfaces or in presence of strong wind or bright sunshine.

Do not apply on frozen supports or where there is chance of intense cold within 24 hours of application.

Only use synthetic non-solvent decorating products.

All the above data relate to tests carried out in a controlled environment, and are therefore liable to change when the product is used.