

Ekoplast *raso*

Finish smoother (for concrete)

Product:

Ekoplast raso is a pre-mixed, cement binder compound, containing the appropriate quantity of inert silicates in a grading curve, chemical additives and synthetic resins. Used on internal and external surfaces, it allows a smooth layer 2 mm to 1 cm thick to be applied. It is suitable for concrete ceilings or surfaces, string courses and prefabricated slab floors, if solid and well anchored.

Advantages:

- It enables the joints between the slabs to be filled in.
- Layers 2 mm to 1 cm thick can be applied.
- Can be painted over with every kind of synthetic paint.
- Fine finishing.

Field of application:

Fine finishing for thicknesses of up to 1 cm.

Suitable supports:

Concrete.
Old and new cement plasters.
Concrete blocks.
Restored mortars

Product information data:

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| ▪ Containers | 25 kg bag |
| ▪ Appearance | grey cement powder |
| ▪ Specific weight | 1.6 kg/l |
| ▪ Granulometry | < 0.8 mm |
| ▪ Average consumption per cm of thickness | 16 kg/sq m |

Application:

Preparation of the supports:

The surfaces must be seasoned, solid, and carefully washed. Any loose parts, traces of oil, sheathing, tar or old paint must be removed. If necessary, brush or sandblast the exposed reinforcing metal and passivate it with a Fermalt cement slurry (and cover with a fibre-reinforced mortar within 2 hours). Dampen the supports that are to be treated in advance.

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Method of application:

Mix Ekoplast raso with a drill mixer in about 5,5 l of clean water for every 25 kg bag until a smooth paste with a plastic texture is obtained. The product must rest for about 10 minutes. Briefly re-mix and apply the product using a stainless steel spatula.

The thickness may vary from 2 mm to 1 cm (fill the joints between the flooring slabs at least 48 hours before applying the smoother).

Overlap the joint using a polypropylene strip mesh, being sure to extend the mesh at least 20 cm beyond the joint.

When setting is almost finished (plastic phase) use a sponge trowel to obtain a fine finish.

Technical data:

▪ Water in the mixture	22% approx
▪ Minimum applicable thickness	2 mm
▪ Maximum total thickness	1 cm
▪ Pot life	1 hour
▪ Compression resistance after 28 days	10 MPa
▪ Stiffness after 28 days	3.3, MPa
▪ Adhesion to concrete after 28 days	1 MPa
▪ Setting time	approx 20 minutes
▪ Resistance coefficient to water vapour	$\mu > 40$
▪ Usage temperature	+ 5 ° C / + 35° C
▪ Storage	12 months if in original container and in a dry place
▪ 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 a chance of intense cold within 24 hours of application.

Do not add water, cement, sand or any other product during setting.

Do not apply on weak or crumbly supports if not previously consolidated.

Do not apply on painted surfaces.

Dampen the surfaces which are treated for 24 hours after the application.

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