

Final Priming and Topcoating

Internal walls usually require plastering to smooth the surface and prepare it before decorating. We present introduction into plastering products and their comparison to help with the choice of the best solution for a specific surface.

SOLID PLASTERING

Solid plastering involves covering surfaces and ensuring that a finish is created that makes the surface suitable for finish coats.

SKIM PLASTERING

Skimming means the application of finishing plaster either on new plasterboard or over existing walls or ceilings to create a smooth finish for painting or wall papering. It is a top coat plastering.

UNDERCOAT

Bonding Coat - an undercoat plaster used for a non-porous surfaces, can be used on PVA sealant. It is suitable for patching old masonry, bricks, laths

Undercoat plaster - an undercoat plaster used

for semi-porous surfaces like bricks and building blocks. It is used as a basecoat for finishing plaster

ONECOAT and TOPCOAT

One-coat plaster - does not require an undercoat, applied and finished off as a topcoat plaster, easy application and . Used for internal walls and ceilings or over an undercoat plaster or plasterboard.

Finishing plaster - topcoat plaster that create a final finish for decorating. It is applied in thinner layer (approx. 2mm). Best results achieved when applied in two thin coats, with topcoat added before first coat is dry. Used for internal walls and ceilings without an undercoat. Finishing plaster (topcoat) cannot be applied directly to masonry. It requires the basecoat of cement based render, undercoat or bonding

plaster. Finishing plaster (topcoat) cannot be applied directly to masonry. It requires the basecoat of cement based render, undercoat or bonding plaster.

Decorative plaster - it is a decorative topcoat, a professional finish made from ground marble it provides a matt, coloured or polished finish.

Recommendations

Solid plaster and skim - for older properties

Latch and skim - for ceilings in older properties

Plasterboard and skim - in new builds

Undercoat plasters (solid) are generally applied 11mm thick (for walls), or 8mm (for ceilings) and finish coat plasters (skim) at 2mm thick. Some one coat plaster is applied at 13mm thickness (for walls), or 10mm (for ceilings).

PRIMERS

PVA

A high solids, high performance sealer, primer, dust-proofer and bonding agent. Improves adhesion and reduces cracking in cements and plaster. Primes and seals porous surfaces. Quick drying, durable and has a very high bond strength. Better water resistance, adhesion and flexibility. Excellent drying at low temperatures. Phthalate free formulation (safer to use). Can be readily diluted without compromising quality. Conforms to BS5270.

Application:

Plaster primer, porous surface primer and sealer - Rendering key coat for internal applications - admixture - dust sealer - general purpose adhesive for bonding all common construction materials. It is perfect for Multifinish due to its strong adhesion.



Uni-grunt Aval KT17

Fast drying priming emulsion. Improves setting conditions of mortars - contributes to reaching their expected parameters. Strengthens the surface of primed mineral substrates - permeates the surface, strengthens it and strengthens and improves its load capacity. Prevents retention of excessive amount of water from the layer applied upon the substrate - limits the absorption of the substrate.

The main characteristics:

- Unifies substrate absorbiveness
- Strengthens the substrate
- Under screeds and subfloors
- Under adhesives, renders, finishing coats and paints
- High yield

The main parameters:

- Consumption: 0.05 - 0.2 kg/1 m²
 - Very short drying time - the finishing layers can be applied already after 2 hours.
- It is recommended to reinforce the structure.



PLASTERS



ACRYL-PUTZ® FS20 Finisz Finishing plaster

High quality ready-to-use putty for final and finishing smoothening of walls and ceilings applied by hand or mechanically. During application it preserves a stable consistency and therefore can be used for a long period of time. Not used, hermetically sealed maintains applicable properties for further use. After drying it is easy to grind and

maintains very good durable parameters. It leaves a snow-white and ideally smooth painting surfaces.

ACRYL-PUTZ® FS20 FINISZ contains a special polymer resin which improves its durable parameters significantly and determines excellent adhesive properties of the putty to the surface.

Thistle Multi-Finish

This is versatile final coat plaster that provides good results on most suction backgrounds. Thistle MultiFinish is the choice for plasterers working on both undercoats and board backgrounds on the same job. Its flexibility also makes it an ideal choice for small repair jobs and patching.

Thistle Multi-Finish is designed for the finishing of a wide range of backgrounds, from low-suction (e.g. plasterboard, Glasroc F MULTIBOARD and Glasroc F FIRECASE, Thistle Dri-Coat, sufficiently flat concrete and other flat surfaces treated with bonding agents) through to medium-high suction of gypsum or cement-based undercoat plasters.



Use **fiberglass** mesh to avoid cracks

For the reinforced layer (base coat) installation – to be embedded in the adhesive layer during installation of thermal insulation systems both with polystyrene and mineral wool. Element of external wall insulation systems - covered with Domestic Approvals (AT) and European Technical Approvals (ETA). Flexible lattice made from special woven glass-fibre strands offering incredible strength when embedded into wet base coat plaster or render. Very light and easy to cut. Very economical and waste free material. No special equipment necessary.

Step 1

Cut to size using knife or scissors

Step 2

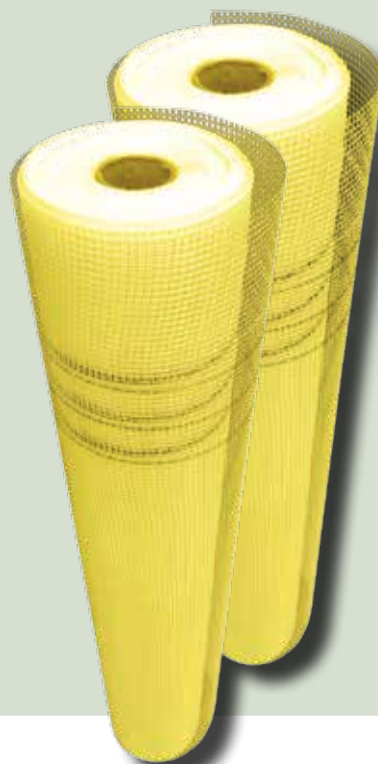
Put the first coat of Multi-Finish and embed the fiber glass mesh into it

Step 2

Coating with Multi-Finish as a traditional wall

Step 4

The fiberglass mesh is totally embedded in plaster coat, invisible after skimming



CEKOL C-45

White smooth gypsum based filler

CEKOL C-45 is an excellent material for preparing walls and ceilings inside buildings for painting, paperhanging etc. Also for renovation of old plasters, plastering whole walls, stopping of cardboard-gypsum panels (for pointing and filling of scratches and cracks the CEKOL C-40 is recommended). CEKOL C-45 allows to obtain very smooth surfaces.

CEKOL C-45 is a dry mixture produced of the highest quality gypsum with a wide range of refining, modifying

and plasticizing additives delaying setting and providing excellent adhesion to the gypsum, brick, concrete and gas concrete base. CEKOL C-45 is an excellent primer for the emulsion and acrylic paints.

The white colour allows to apply fewer coats of paint to obtain full colour effect. It is an excellent ground for wall paper. It is non-toxic in application and use, made entirely of natural components. CEKOL C-45 does not turn yellow when exposed to light.



CEKOL C40

Special patching mortar for pointing of gypsum-cardboards without the use of tape

CEKOL C-40 is a dry mixture of high quality gypsum, fillers and modifying substances. It is used for pointing of cardboard-gypsum and gypsum panels. CEKOL C-40 is non-toxic in application and use. It is easy to use, with very good functional qualities. With a wide range of additives, CEKOL C-40 is a product

of enhanced strength and elasticity, which allows to resign of the use of tape. CEKOL C-40 should be used only inside buildings. Ground, after full setting, with properly selected abrasive paper or polycarbonate mesh, it gives ideally smooth surface.

ŚMIG Ready Mixed

ŚMIG's main advantage is that it's ready to use straight away after you open a bucket. Another one is that work can be stopped and resumed at any time. Consumption is approx. 1.5kg/1m²/1mm of plaster thickness.

- special mix to float the walls and
- just open and use, after you finish
- ceilings. your work you keep it closed
- snow white
- can be used on all mineral building
- easy to apply and very easy to grind. surfaces and on all painted surfaces
- ideally to cover gypsum-cardboard jointing them (tape needed)
- single layer up to 5 mm
- perfect to refresh old surfaces of walls. panels (plaster boards)
- to be applied manually or by machines



ŚMIG C-50 Reinforced

Tapeless REINFORCED joint filler

- ready-to-use
- snow white
- flexible
- easy to apply and very easy to grind
- designed for jointing gypsum boards
- super-strong: tensile strength > 600 kg/m; flexural strength > 120 kg/m without the tape,
- perfect to cover gypsum unique
- strength and flexibility cardboard panels (plaster boards) ensure joint durability without the need for joint tape.



Megaron Finish

Gypsum finish plaster

FINISH grey soft gypsum plaster is a dry pre-mixed gypsum compound to be prepared just before application by mixing it with water.

This product should not be used on metal, glass, plastic or wood-based materials, as well as very smooth precast concrete, or for gypsum board installation and jointing. It is also not recommended for bases that are

damp, subject to biological corrosion or ones in which the bonding processes of other mineral binders have not finished, yet. This product is not recommended for spaces subject to permanent dampness, or interiors with permanent air humidity exceeding to 70%. Temporarily increasing humidity in kitchens and bathrooms is not harmful.

Megaron Super Finish

White soft gypsum plaster

SUPER FINISH white soft gypsum plaster is a dry pre-mixed gypsum compound to be prepared just before application by mixing it with water.

This product should not be used on metal, glass, plastic or wood-based materials, as well as very smooth precast concrete, or for gypsum board installation and jointing. It is also not recommended for bases that are

damp, subject to biological corrosion or ones in which the bonding processes of other mineral binders have not finished, yet. This product is not recommended for spaces subject to permanent dampness, or interiors with permanent air humidity exceeding to 70%. Temporarily increasing humidity in kitchens and bathrooms is not harmful.



Megaron Join Filler

Gypsum joint filler

Gypsum Joint Filler is a universal plaster to perform finish on walls and ceilings, as well as for renovation involving completing and filling small voids and cracks. It can also be used for installation of prefabricated plaster and attaching aluminum corners. It is

designed for typical mineral substrates such as concrete, cement plaster, cement-lime and gypsum and plasterboard. Binders do not apply on substrates of wood, metal and plastic.

Megaron Professional

Gypsum polymer plaster

- warranty of reliability, double bonding gives special resistance to bad environmental conditions and guarantees durability for years
- perfect to cover mineral wall surfaces, plaster boards (gypsum-cardboard panels), could be applied directly on OSB boards (i.e. used at

- the attics), and on fibreboards (where creates a more flexible, non breaking surface)
- could be used to fill the scratches, plaster cavities, cracks and perforations
- perfect snow-white
- also for jointing gypsum boards and OSB boards



COMPARISON TABLE

	THISTLE MULTIFIN- ISH	CEKOL C-45	CEKOL C40	ŠMIG READY MIXED	ŠMIG C-50 REIN- FORCED	MEGARON FINISH	MEGARON SUPER FINISH	MEGARON JOINT FILLER	MEGARON PROFES- SIONAL	ACRYL PUTZ
										
Description	A versatile plaster for skim finishing undercoats and plaster-boards	White smooth gypsum based filler	White smooth gypsum based filler	Ready mixed finishing coat-for walls and ceilings	Ready mixed jointless, rein-forced filler.	Finishing gyp- sum plaster.	Finishing gyp- sum plaster.	Gypsum joint filler.	Gypsum- polymerplas- ter.	Ready mixed finishing coat- for walls and ceilings
Type of plaster	Topcoat Skim finish plaster	Topcoat one coat plaster	Joints filler	Topcoat Finish- ing plaster	Joints filler	Topcoat Fin- ishng plaster	Topcoat Finish- ing plaster	Joint filler	Topcoat Finish- ing plaster	Topcoat Finish- ing plaster
Place of Use	Dry under- coats, Damp undercoats, Plasterboard, Flat smooth concrete	Gypsum, brick, concrete	Cardboard- gypsum and gypsum panels	Gypsum boards	Gypsum boards	Mineral surfaces	Mineral surfaces	Plasterboards	Mineral wall surfaces, plasterboards, OSB boards, fibreboards	Concrete, ce- ment and lime, gypsum as well as plaster cardboard panels.
Undercoat	Undercoat required	Undercoat required on plasterboards joints only	Not required, primer only	Undercoat required on plasterboards joints only	Not required, primer only	Undercoat required on plasterboards joints only	Undercoat required on plasterboards joints only	Not required, primer only	Undercoat required on plasterboards joints only	Undercoat required on plasterboards joints only
Coats applied	1-2 coats	1 coat	1 coat	1 coat	1 coat	1 coat	1 coat	1 coat	1 coat	1 coat
Thickness applied	2 mm	1-5 mm	1-5 mm	1-5 mm	1-5 mm	1-5 mm	1-5 mm	1-5 mm	1- 5 mm	1- 5 mm
Form of applica- tion	Manual	Manual or Machine	Manual	Manual or Machine	Manual	Manual or Machine	Manual or Machine	Manual	Manual or Machine	Manual or Machine
Texture	Powder	Powder	Powder	Ready mixed	Ready mixed	Powder	Powder	Powder	Powder	Ready mixed
Primer	PVA	UNI-GRUNT AVAL KT17	UNI-GRUNT AVAL KT17	UNI-GRUNT AVAL KT17	UNI-GRUNT AVAL KT17	UNI-GRUNT AVAL KT17,	UNI-GRUNT AVAL KT17	UNI-GRUNT AVAL K17	UNI-GRUNT AVAL K17	UNI-GRUNT AVAL KT17