PRODUCT DATA SHEET

codex

Wall Smoothing Compound

codex Casa Plana

Low-slump gypsum-based compound for filling and smoothing work on wall surfaces

Description:

Low-slump, smooth, gypsum-based compound for producing flat, smooth wall and ceiling surfaces. For thickness up to 5 mm for all-over levelling and smoothing, up to 25 mm for smoothing over joints, cracks and holes. For surface preparation prior to application of codex Casa Mia wall finish and all wallpapering and paint-work. Thanks to its easy application, codex Casa Plana has a wide range of uses in interior decoration and is extremely economical.

Suitable for / on:

- renders, brickwork, gas concrete, pumice, lightweight construction board and insulation board, etc.
- filling and smoothing work on all normal substrate materials
- filling and smoothing of joints in plasterboard, plaster fibre-board and plaster-based construction board, etc.
- all-over smoothing work on rough surfaces, e.g. on gypsum-, lime- and cement-renders
- filling depressions, holes, grooves, joints and cracks
- filling joints in pre-cast concrete ceilings
- fixing of plasterboard

Product Properties / Benefits:

Pre-blended, dry powder mortar based on a gypsum / polymer mix with specially graded aggregate for stress-free filling and smoothing work. When mixed with water, produces a smooth compound with rapid setting and hardening properties.

Composition: Gypsum hemihydrate, additives.

- Easy to sand down
- Smooth paste consistency
- Fills and smoothes in one
- Rapid hardening
- Free from shrinkage, stress and cracking
- Diffusive and with excellent absorbency
- Smoothing compound based on calcium sulphate

Technical Data:

Packaging:	paper sack
Packsize:	10 kg
Shelf life:	min. 12 months
Required water quantity:	approx. 6 litres per 10 kg sack
Colour:	white
Working temperature:	min. 5 °C / 41 °F at floor level
Working time:	approx. 60 minutes*
Can be covered after:	approx. 2 hours*

*At 23 °C / 73 °F and 50 % rel. humidity.

codex | A Brand of UFLOOR Systems

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Substrate Preparation:

The substrate must be sound, dry, free from cracks, clean and free from materials that would impair adhesion. Test the substrate in accordance with applicable standards and notices and report any deficiencies. Remove all residues of wallpaper, paste and paper backing, weakly bonded paints or coatings as well as any soft or powdery plaster. Remove any separating agents or greasy residues from the substrate surface. Prime absorbent surfaces with codex Fliesengrund.

When working on dense, smooth surfaces (e.g. well-bonded lacquers, coatings, ceramics) thoroughly clean and abrade the surface and prime with codex PE 370. Allow the primer to dry completely and apply codex Casa Plana to a minimum thickness of 2 mm.

Refer to the Product Data Sheets for other codex products used.

Application:

1. Put approx. 6 litres of clean, cold water into a clean container. Slowly and steadily, sprinkle in the sack contents (10 kg) and allow to soak for a short time. Then mix to a lump-free, smooth-paste mortar. Leave to stand for approx. 1 – 2 minutes and then mix briefly once again. Do not mix too thin.
2. Only mix as much material as can be applied within approx. 60 minutes. For part quantities, use 1 kg of powder to approx. 0.6 litres of water.
3. Immediately apply the compound to the substrate with a smoothing trowel. Where possible, apply to the desired thickness in one coat.
4. After spreading, it can either be trowel finished or evenly wetted using a sponge-board and then skimmed to a smooth finish with the trowel after approx. 15 minutes.
5. For subsequent wallpapering or painting, the compound must be completely dry.

Consumption:

Thickness	Consumption	Approx. coverage per 10 kg sack
1 mm	0.9 kg/m²	11.0 m²
2 mm	1.8 kg/m²	5.6 m²
3 mm	2.7 kg/m²	3.7 m²
10 mm	9.0 kg/m²	1.1 m²

Important Notes:

- Shelf life minimum 12 months in original packaging when stored in dry conditions. Tightly reseal opened packaging and use the contents as quickly as possible.
- Optimum conditions are 15 – 25 °C / 59 – 77 °F and relative humidity below 75 %. Low temperatures and high humidity will retard the setting, drying and readiness for covering.
- Mortar that starts to thicken cannot be used – therefore, do not thin with water or mix in fresh mortar.
- codex Casa Plana produces an exceptionally good base for the codex Casa Mia surface finish as well as for wallpapers and paints. Also thin smoothing coats are sound and are resistant to dispersion and latex-based paints as well as normal adhesives and wallpaper paste.
- If smoothing work must be done in several coats, e.g. when skimming joints in plasterboard, the previous coat must be completely dry and, if necessary, sanded down.
- If to be painted: After smoothing work in variable thicknesses, a minimum of two coats of paint is recommended so as to avoid uneven drying of the paint and unwanted colour shading.
- For waterproof smoothing and in exterior work, use a cement-based compound, e.g. codex NC 350.
- Refer to all applicable standards, regulations and publications.

Protection of the Workplace and the Environment:

Cement-free, non alkaline. Requires no special protection or precautions in general use. When mixing wear a protective dust-mask. In the event of skin or eye contact, rinse thoroughly with water. Presents no physiological or ecological risk when fully cured.

Disposal:

Dispose of empty packaging according to local regulations. Collect waste material, mix with water and allow to harden, then dispose as Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous Product Information.

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