



ITAL KOL

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VELO WEST AFRICA

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FIELD OF APPLICATION

Ultra-fine skimming mortar for interiors and exteriors, of traditional or ready-mixed, cured and fresh (using the “wet on wet” technique) renders, before decoration with a thin coat of paint or mineral and synthetic coatings.

Some application examples

- Smoothing interior and exterior cement lime mortar or ready-mixed fresh renders (within 24 hours of its application), before painting or applying colored floor or ceiling coatings.
- Smooth finishing interior and exterior cement lime mortar and ready-mixed cured wall and ceiling renders.
- Smoothing renders in rooms where wall paper or light-weight textile coverings will be applied.
- Leveling precast ceilings.
- Fine finishing of coarse grained leveling.

TECHNICAL CHARACTERISTICS

IK Stucco is a standard setting, one-component ready-mixed ultra-fine skimming compound based on white coloured hydraulic and aerated binders, selected grained Carrara lime sands, with a controlled and guaranteed white colour, special additives and synthetic powder polymers. Thanks to its special composition and fine texture, the finish obtained by mixing IK Stucco with water has a high bond strength and is easy to apply with a flat metal trowel. IK Stucco can be applied between 0 and 2 mm thick per coat. IK Stucco is classified as GP (“General purpose mortar for internal/external render”), category CS II according to EN 998-1.

RECOMMENDATIONS

- For thicknesses above 2 mm on “fresh” or cured renders.
- Do not apply IK Stucco at temperatures below +5°C or above +35°C.
- Do not add cement, lime, additives or aggregates to IK Stucco.
- Do not apply IK Stucco on painted surfaces.
- Do not apply IK Stucco on plastic coatings.
- Do not use IK Stucco to smooth concrete substrates, ceramic or wooden floors.
- Do not apply IK Stucco on gypsum-based renders without primer.

APPLICATION PROCEDURE

Preparing the substrate

Surfaces must be clean, sound and free of dust. It is recommended to carefully prepare the substrate by removing any loose material that could interfere with bonding. If it is necessary to level some uneven parts which are thicker than 3 mm, apply several coats of IK Universal or IK Fino and then smooth with IK Stucco. If it is necessary to level cured renders, wet the surface first before applying the product and make sure the film of surface water is completely removed.

Preparing the finishing compound

Pour 7.8-8.6 liters of water into a clean container and, while mixing slowly, add a 25 kg bag of IK Stucco. Mix for several minutes making sure any unblended powder from the bottom and the sides of the container is removed. Mix until a homogeneous, completely lump-free mixture is obtained. It is recommended to use a low speed mechanical stirrer in order to prevent excess air entrapment. In order to completely disperse the contained additives, let the mixture stand for approximately 3 minutes after its preparation. Re-mix briefly before use. Avoid preparing the mix manually.

Applying the finishing compound

Apply the compound to the surface with a flat metal trowel. Smooth from 0 to 2 mm thick making sure the substrate is completely covered. The surface finishing can be carried out with the same flat metal trowel some minutes after its application. During hot or windy weather, or in particularly hot areas, spray water on the surface of the smoothing compound when it starts to set (that is, when it may be pressed lightly without leaving fingerprints) and over the next few days when the mortar has completely hardened, to avoid quick drying and hygrometric shrinkage which may cause cracks to form. This is to avoid rapid drying and hygrometric shrinkage that could cause cracks. Once hardened, the product can be sanded in order to obtain a perfectly smooth surface.

Instructions to be followed during and after application

No particular precautions need to be taken at temperatures around +20°C. At high or low temperatures or strong ventilation, the normal precautions for the use of cementations material need to be taken.

Cleaning

It is recommended to wash working tools with water before the mortar hardens. Once **IK Stucco** hardens, it is very difficult to remove and tools can only be cleaned by mechanical means.

CONSUMPTION

Approximately 1 kg/m² per mm of thickness.

PACKAGING

20 kg bags

STORAGE

IK Stucco can be stored for 12 months in the original packaging and in a dry sheltered place. Manufactured in compliance with the regulations of the 2003/53/EC Directive.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

It contains cement and lime that on contact with sweat or other body fluids produces an irritant alkaline reaction and could cause serious damage to the eyes. Wear protective gloves and goggles. For further information refer to the Safety Data Sheet. FOR PROFESSIONAL USE.

TECHNICAL DATA

Product identity

Appearance:	powder
Color:	white
Bulk density (kg/m ³):	1,000
Maximum diameter of aggregate (µm):	65
Dry solid content (%):	100

Application data (at +23°C and 50% R.H.)

Color of mix:	White
Mix ratio of mix:	32-35% water
Density of mix (kg/m ³):	1,640
pH of mix:	12-12.5
Pot life of mix	approx. 2 hrs
Application temperature range:	from +5°C to +35°C
Max thickness per coat (mm):	2
Waiting time between coats:	120 mins.
Waiting time before float finishing:	24 hours.

Final performance

Compressive strength according to EN 196/1 (N/mm ²): – after 28 days (+23°C and 50% R.H.):	> 2.5
Flexural strength (N/mm ²): – after 28 days (+23°C and 50% R.H.):	> 1.5