

FASSA K-OVER PLUS 3.30

DATA SHEET

White fibre-reinforced skim coat and smoothing plaster/render for levelling and restoring interior and exterior surfaces



Interior/Exterior



Sack



By hand



By machine



Sponge float



Composition

FASSA K-OVER PLUS 3.30 is a dry premixed mortar made from hydrated lime, white hydraulic binder, graded sand, fibres and specific additives to improve workability and adhesion.

Supply

- Special sacks with protection against moisture, approx. 25 kg

Use

FASSA K-OVER PLUS 3.30 is used as a skim coat and as a smoothing plaster/render for levelling and restoring brick walls, mixed walls with concrete parts and plastered surfaces of existing and new buildings.

FASSA K-OVER PLUS 3.30 can be used as a reinforced skim coat on paints and coatings that are solid, well attached to the substrate and sufficiently absorbent.

Substrate preparation

The surface must be free of dust, dirt, salt efflorescence, etc. Any traces of oil, grease, wax etc. must be removed beforehand.

The substrate must be prepared in such a way as to remove all loose parts, until obtaining a compact and rough surface. When applying on finishes, make sure these are solid and well attached to the substrate. For this purpose, it is recommended to carry out pull-off tests with FASSANET 160 reinforcing mesh.

Mixing

FASSA K-OVER PLUS 3.30 is applied by hand or using plaster sprayers, such as FASSA, PFT, PUTZKNECHT, PUTZMEISTER, TURBOSOL and the like.

When preparing by hand, add around 31-33% of clean water and then mix by hand or mechanical stirrer for no longer than 2 minutes, until obtaining a mixture of the desired consistency. After mixing with water, the mortar must be applied within 2 hours.

Used as smoothing plaster or render, FASSA K-OVER PLUS 3.30 is applied from the bottom upwards and then levelled using an H-shaped or blade screed with horizontal and vertical movements so as to ensure, where required, a flat surface, or uniform plaster-render thickness. FASSA K-OVER PLUS 3.30 is applied in a single layer up to 30 mm thick. If only a surface skim coat is required, apply FASSA K-OVER PLUS 3.30 using a metal trowel or plaster sprayer. Apply a double layer of skim coat, embedding FASSANET 160 mesh in the first coat of FASSA K-OVER PLUS 3.30. Apply a second layer of FASSA K-OVER PLUS 3.30 once the first has set, and then float finish the skim coat using a sponge float.



Warnings

- Product for professional use.
- The fresh mortar must be protected against frost and quick drying. As the hardening of the mortar depends on the hydraulic setting of the cement and the air setting of the lime, a temperature of +5°C is suggested as a minimum value for application and for obtaining proper hardening of the mortar. Below this value, setting would be delayed excessively and below 0°C the fresh or partially hardened mortar could be broken up by frost.
- In summer, on surfaces exposed to sunlight, the substrate should be moistened for a few days before plastering, continuing to moisten the plaster or render for several days after application.
- Application in strong winds can cause the formation of cracks and "burning" of the render. Precautions need to be taken in such conditions (protection of interiors, application of the plaster in two layers and smoothing the top layer carefully with a float etc.).
- The use of rough exterior finishes (such as wall coatings or IP 10) makes any hairline cracks less evident than with smooth finishes.
- For renovation works on different kinds of substrates and with different plaster thicknesses, please contact our Technical Department to choose the most suitable product cycle.
- Paint, coverings and wallpaper etc. must only be applied after the plaster has completely dried and cured.
- Aerate the rooms thoroughly after application until the mortar is completely dry, avoiding excessive changes in temperature in the rooms.
- It is recommended to verify solidity of the substrate by carrying out pull-off tests.
- Do not apply FASSA K-OVER PLUS 3.30 on substrates subject to rising damp.
- Protect FASSA K-OVER PLUS 3.30 with a suitable finish.

FASSA K-OVER PLUS 3.30 must only be used in its original state without the addition of other materials.

Storage

Store in a dry place for no longer than 12 months.

Quality

FASSA K-OVER PLUS 3.30 is subjected to careful and constant testing in our laboratories. The raw materials used are rigorously selected and checked.

Technical Data

Specific weight of the powder	approx. 1,250 kg/m ³
Grading	< 1 mm
Mixing water	31-33%
Fresh mortar density	approx. 1,700 kg/m ³
Yield	approx. 13 kg/m ² with 10 mm thickness
Application thickness	3-30 mm
Compressive strength after 28 days (EN 1015-11)	> 3 N/mm ²
Density of hardened mortar (EN 1015-10)	approx. 1,450 kg/m ³
Water vapour diffusion resistance factor (EN 1015-19)	$\mu < 13$ (measured value)
Thermal conductivity coefficient (EN 1745)	$\lambda = 0.46$ W/m·K (tabulated value, P = 50%)
Substrate adhesion (EN 1015-12)	> 0.3 N/mm ² (brick)
	> 0.3 N/mm ² (concrete)
Water absorption (EN 1015-18)	W0
Specific heat (EN 1745)	approx. 1 KJ/kg K (tabulated value)
Reaction to fire (EN 13501-1)	A1
Compliant with standard EN 998-1	GP-CSII-W0
The performance values listed above are obtained by mixing the product with 32% water in a controlled temperature and humidity environment (20±1°C and 60±5% RH).	

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". Our Technical Service can be contacted by email at area.tecnica@fassabortolo.com.

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.