

FASSA K-OVER PLUS 3.30

DATA SHEET

Fibre-reinforced skim coat and compensation plaster for smoothing off and renovating interior and exterior surfaces.
Colours: white/beige and grey



Interior/Exterior



Sack



Silo



By hand



Spray



Sponge float

Composition

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

Supply

- White/beige: Special sacks with moisture protection, approx. 25 kg
- Grey: Bulk in silo *
- Depending on the country of destination, some sales formats may not be available

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.

The product is also used to create anti-collapse structures for intermediate floors and plastered walls, in combination with FASSANET ZR 185 alkali-resistant fibreglass mesh and the RA-P steel screw and IT 60/5 H plate connecting systems.

Substrate preparation

The surface must be free from dust, dirt, salt efflorescence, etc. Any traces of oils, greases, waxes, 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 plastering machines, such as FASSA, PFT, PUTZKNECHT, PUTZMEISTER, TURBOSOL and the like.

For application by hand, add the product to the corresponding amount of clean water (as specified in the Technical Data) and mix by hand or using a mechanical stirrer for no more 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 or FASSANET MAXI 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.

See the "FASSAPROTECTION preparation and installation manual" for how to use the product in the creation of anti-collapse structures.

Warnings

- Product recommended for expert users.
- Avoid freezing and quick drying of the fresh mortar. 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 considerably, and below 0°C the fresh or partially hardened mortar may 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 rapid surface drying ("burning") of the render. In these conditions suitable precautions should be adopted (protection of indoor spaces, application of the render in two coats, carefully floating the surface layer, etc.).
- The use of rough exterior finishes (such as wall coatings) makes any hairline cracks less evident than with smooth finishes.
- For renovation works on different kinds of substrates and with different render thicknesses, please contact our local Technical Service to define the most suitable product cycle.
- Protect the product with a suitable finish coat, which must be applied when the product has cured.
- Rooms must be adequately ventilated 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 bond strength tests.
- Do not apply FASSA K-OVER PLUS 3.30 on substrates subject to rising damp.
- Since natural sands are used, it is not possible to guarantee a uniform colour for different material deliveries.

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 a period not exceeding 12 months. Once the shelf life has expired, it must be disposed of in accordance with current legislation.

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 controlled.

Technical Data

Specific gravity of the powder	approx. 1,250 kg/m ³
Granulometry	≤ 1.2 mm
Mixing water	31-33%
Fresh mortar density	approx. 1,700 kg/m ³
Yield	approx. 13 kg/m ² at 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)	μ < 13 (measured value)
Thermal conductivity coefficient (EN 1745)	λ = 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
Compliant with standard EN 998-2	M 2.5
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)	

Environmental certifications and sustainability schemes

GEV Classification	GEV EMICODE EC 1 ^{Plus} - very low emissions
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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 verify 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". If necessary, contact Technical Service in your country of reference (IT: area.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.tecnica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

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