

Semi-lightweight through coloured render for protecting and decorating facades



Exteriors



Sack



By machine



Plastic trowel



Sponge float



Gratton

Composition

FASSACOUCHE is a lightweight coating made from natural lime, white cement, graded sand, perlite, mineral pigments and specific additives.

Supply

- Special sacks with protection against moisture, 25 kg

Use

Fassacouche is used as a through coloured render for exteriors, on both new and existing buildings, over medium density (1,400 to 1,800 kg/m³) concrete blockwork compliant with BS 771-3 : 2011, with a compressive strength of 7.3 N/mm².

FASSACOUCHE is not recommended for use on gypsum coatings.

Substrate preparation

The wall must be free from dust dirt, salt deposits etc.. Any traces of oil, grease, wax etc. must be removed beforehand. Joints of different elements must be reinforced with special, alkali-resistant, fibreglass mesh. When using alkali resistant fibreglass mesh, in order to minimise the risk of hairline cracks appearing, the mesh must not be attached directly to the wall, but rather immersed in the surface of the render.

Mixing

FASSACOUCHE is prepared using continuous render sprayers, such as FASSA, PFT, PUTZKNECHT, PUTZMEISTER, TURBOSOL and the like or by hand. If worked by hand or using discontinuous render sprayers, add about 25.5%-26.5% of water and mix for about 5 minutes. After mixing with water, the mortar must be applied within 30 minutes.

The product is applied to a thickness of minimum 12 mm, spraying from the bottom towards the top and then straightened with H floats or render knives, passing horizontally or vertically until a flat surface is obtained.

The scratched finish will require to increase the minimum thickness of the render of 2 mm more that will be removed in the scraping process.

To get the floated and sponge floated finishes apply the product in two coats using the "fresh on fresh" technique and finish the second coat to obtain the desired final effect.

FASSACOUCHE render is finished after some hours with the usual methods, i.e. scratched, floated or sponge floated.



Warnings

- Product for professional use.
- The fresh render must be protected against frost and quick drying. A temperature of +5°C is normally suggested as a minimum value for application and 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.
- Application in strong winds can cause the formation of cracks and "burning" of the render.
- Application of the product must be carried out strictly in accordance with BBA Certificate 18/5486, the Certificate holder's instructions and the relevant recommendations of BS EN 13914-1 : 2016.
- Since natural sands are used, it is not possible to guarantee a uniform colour for different material deliveries.
- It is therefore recommended to buy all the required material from the same batch.
- If the substrate differs from those indicated in the "use" section, please contact our technical department to define the most suitable cycle.

FASSACOUCHE 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

FASSACOUCHE is subjected to careful and constant testing in our laboratories. The raw materials used are rigorously selected and checked.

Technical Data

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|---|---|
| Density of powder | 1,250 ± 50 kg/m ³ |
| Minimum thickness | 12 mm |
| Grading | < 1.6 mm |
| Mixing water | 25.5-26.5% |
| Consumption (*) | approx. 13 kg/m ² when applied to a thickness of 10 mm |
| Density of the hardened product (EN 1015-10) | 1,450 ± 100 kg/m ³ |
| Compressive strength (EN 1015-11) | 2.5-5 MPa |
| Water vapour permeability coefficient (EN 1015-19) | $\mu \leq 10$ (measured value) |
| Capillary water absorption coefficient (EN 1015-18) | W2 |
| Adhesion after exposure to weathering cycles (EN 1015-21) | ≥ 0.2 N/mm ² |
| Permeability after exposure to weathering cycles (EN 1015-21) | ≤ 1 ml/cm ² (after 48h) |
| Thermal conductivity coefficient (EN 1745) | $\lambda = 0.48$ W/m·K (tabulated value) |
| Reaction to fire | A1 |
| Compliant with standard EN 998-1 | OC-CSII-W2 |
| BBA Certificate available | n. 18/5486 |
| (*) consumption of material varies depending on the type of finishing | |

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.