

FASSACOUCHE

DATA SHEET

Semi-lightweight through-coloured render for protecting and decorating façades



Exteriors



Sack



Spray



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
- Product available in 25 colour tones (see the "Colour range" table)

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 oils, fats, waxes, 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. Concrete surfaces, poorly-absorbent brick, non-uniform substrates with significant differences in absorption must be treated beforehand with S 650 undercoat.

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 plaster/render is finished after several hours, using the following classic techniques: scratched, floated or sponge floated.



SCRATCHED FINISH



FLOATED FINISH



SPONGE FLOATED FINISH



SMOOTH FINISH

Warnings

- Product for professional use.
- Always consult the safety data sheet before use.
- The fresh render must be protected against frost and quick drying. Use at temperatures between + 5°C and +35°C. A temperature of +5°C is suggested as a minimum value for application and to obtain proper hardening of the plaster. Below this value setting would be delayed considerably, and below 0°C the fresh or partially hardened plaster may 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 acquire all the material required to finish the job 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.

FASSACOUICHE it must be used in its original state without the addition of foreign materials.

Storage

Keep dry for a period not exceeding 12 months. Once the product has expired, it must be disposed of in accordance with current legislation.

Quality

FASSACOUICHE is subjected to accurate and constant checks in our laboratories. The raw materials used are rigorously selected and controlled.



Colour range

Extra-white	
Lutece	
Ivoire	
Manhattan	
Champagne	
Provence	
Naples	
Luberon	
Trévisé	
Pêche	
Rose de Sable	
Caramel	
Istria	
Tuscania	
Pergamon	
Rognes	
Auvergne **	
Sienne	
Brique **	
Opal	
Grès	
Travertin	
Gris perle	
Gris cendre	
Crème	

Please note that dark-coloured plasters/renders, with an solar radiation absorption coefficient greater than 0.7 are highlighted with **. Due to their greater absorption of solar radiation, dark-coloured plasters/renders require greater constraints and have wider thermal variations, with increasing shadow effects and visual perception of white haze. Application of these plasters/renders must be adapted to the humidity and temperature conditions. A temperature of +8°C is suggested as a minimum value for application.

The colours reproduced are purely indicative and may vary for reasons due to printing, reproduction and conversion of the images. It should also be noted that colour rendering is affected by several other factors, including, by way of example: natural light, which is not uniform or constant; artificial light, affected by the colour temperature of the light source or CCT - Correlated Color Temperature; and the colour of adjacent surfaces. The display of colours by computers is also affected by the user's display settings. For a more meaningful colour match, refer to the product samples contained in the Fassacouche colour chart.



Technical Data	
Density of powder	1,250 ± 50 kg/m ³
Minimum thickness	12 mm
Granulometry	< 1.6 mm
Mixing water	22.5-24.5%
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 diffusion resistance factor (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.

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.technica@fassabortolo.com, ES: asistencia.technica@fassabortolo.com, PT: assistencia.technica@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.