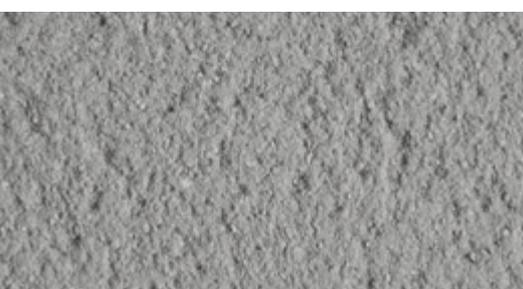


FASSACOUUCHE

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



**FASSA
BORTOLO**
QUALITY FOR BUILDING





01 THE FASSA TRADITION

A FAMILY STORY AN INTERNATIONAL AMBITION

It takes time for a company to build a good reputation. It also requires top quality products capable of enhancing the competence and passion of the people that use them. In our case, history is on our side. Fassa Bortolo has been a recognised name in the building industry for over 300 years. Today we have 16 production plants in Italy, 1 in Portugal and 1 in Spain, as well as 3 commercial branches in Italy, 3 in Switzerland, 1 in France, 1 in Spain and 1 in the UK. Throughout its long history, Fassa Bortolo has always known how to renew itself from generation to generation, and has developed and evolved in step with the market to achieve the highest standards of quality.

Today, Fassa is a point of reference for everybody in the construction industry, from architects to retailers and builders. Fassa offers a complete range of products covering masonry mortars, ready-to-use plasters and renders, paints, coloured coatings, screeds, wall and floor covering products, sanitising solutions, concrete repair products and thermal insulation. Fassa also boasts a range of natural, ecological products for building and refurbishing, certified to the latest criteria of ecological architecture. Every Fassa product is the result of continuous investment in research and development, as well as detailed analysis and rigorous testing in the laboratories of our Research Centre and in practical applications, to guarantee the best possible solution to the needs of everybody working in the construction industry.



02 FASSACOUCHE

SEMI-LIGHTWEIGHT THROUGH-COLOURED RENDER



Monocouche render is intended primarily to protect substrates against physical and climatic attack and to keep buildings protected. Though Monocouche render was originally formulated to protect and decorate masonry walls, today it offers excellent decorative flexibility as well as quick and easy application. The Fassa range has now been extended by the addition of a new product, **Fassacouche**, an OC2 class semi-lightweight through-coloured render.

Fassacouche is the result of Fassa Bortolo's unrivalled know-how, acquired as a result of the company's vast experience in pre-mixed plasters and coloured finishings, products for which Fassa is rightly famous on the international construction market.

Thanks to a special formulation, developed at our own Research Centre, this semi-lightweight through-coloured render boasts unique and top quality characteristics:

- Excellent yield: 1.3 kg/m² per mm of thickness.
- The use of inorganic pigments gives improved light fastness and results in more uniform colours that do not fade over time. Unfavourable drying conditions, such as combinations of sun and shade on the surface, may nevertheless lead to variations in tone due to the formation of more or less pronounced whitish marks in the render.
- Compared to alternative products offering similar characteristics, **Fassacouche** does not need accelerators or retarders to be added in order to modify hardening times to suit ambient conditions before finishing. **Fassacouche** can be finished without the use of additives on site.
- Fassacouche is highly permeable to water vapour, as is shown by its water vapour diffusion resistance factor of $\mu \leq 10$ (measured, not tabulated value). It nevertheless guarantees excellent performance in terms of liquid water absorption (W2 according to standard EN 1015-18).

Raw materials

Fassacouche is a semi-lightweight through-coloured render for protection and decoration, based on natural lime, white cement, graded sand, mineral pigments and specific additives.

Use

Fassacouche is intended for use as a bulk coloured render for external use over 7.3 N·mm⁻² medium density concrete blockwork (density 1400 to 1800 kg·m⁻³) manufactured in accordance with BS EN 771-3 : 2011.

Fassacouche is not recommended for use on gypsum coatings.

Technical data

Specific weight of the powder	approx. 1.250 ± 50 kg/m ³
Minimum thickness	12 mm
Grading	< 1.6 mm
Mixing water	approx. 22.5-24.5%
Yield*	approx. 13 kg/m ² when applied to a thickness of 10 mm
Density of hardened render	approx. 1450 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
Thermal conductivity coefficient (EN 1745)	$\lambda = 0.48$ W/m·K (tabulated value)
Reaction to fire	A1
Conformity to standard EN 998-1	OC-CSII-W2
BBA Agrément Certificate	nr. 18/5486
Classification in accordance with standard NF DTU 26.1	OC2
Storage	Store in a dry place for no longer than 12 months.
Supply	Special sacks with protection against moisture of approx. 25 kg.

* Actual yield may vary depending on the type of finish required.



Substrate preparation

The wall must be free of dust, dirt, salt efflorescence, etc.. Any traces of oil, grease, wax, etc. must be removed beforehand. Smooth concrete surfaces must be dry and treated beforehand with primers, such as S 650, or by adding around 0.5 litres of AG 15 to each sack of **Fassacouche**. Joints between different elements must be reinforced using 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.

Application

Fassacouche must be prepared by hand or using render machines such as FASSA, PFT, PUTZKNECHT, TURBOSOL and the like. It is applied in two layers to a thickness of 12 mm, working from the bottom upwards and, then smoothed using an H-shaped or blade screed with horizontal and vertical movements, until a smooth surface is obtained. Application in one layer only is possible when the substrate being plastered is very uniform and well prepared. When preparing by hand, add around 6.5 litres of water for each 25 kg sack, and mix for around 5 minutes. After mixing with water, the render must be applied within 30 minutes.



03 COLOURS AND FINISHES

FASSACOUCHE render can be given the following finishes after a few hours:

- Scratched
- Floated
- Sponge floated
- Smooth



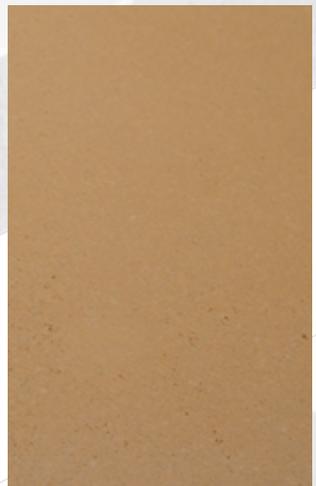
Scratched



Floated



Sponge floated



Smooth

Colour range



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.

Due to the nature of the raw materials used (natural sands), uniformity of colour cannot be guaranteed between different supply lots. As a result, it is recommended that all the material required to finish the job should be acquired from the same batch.

- Colours produced on demand with a minimum order of 5 tons and a 5 working days' notice tim

The colours shown here are purely indicative and can vary even significantly depending on site applications conditions. We recommend that you consult our samples.

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