

**i.pro**

# MUR CENTENAIRE SOUS ENDUIT

*Rendering mortar (CR)*

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*i.pro MUR CENTENAIRE SOUS ENDUIT is a natural hydraulic lime render, designed for renders on timber-frame structures. i.pro MUR CENTENAIRE contains a natural admixture and should be applied mechanically. Its composition allows the absorption of mechanical distortions on timber frame constructions. It complies with European Standard EN 998-1. i.pro MUR CENTENAIRE SOUS ENDUIT is used before the application of i.design CENT% for finishing coats. i.design CENT% exists in 31 colors, 12 with natural sands.*



■ Render

## Properties

i.pro MUR CENTENAIRE SOUS ENDUIT shares its properties with the natural hydraulic lime it contains:

- Mortars strengthen in two stages: an initial and faster setting occurs when in contact with water and a second setting occurs with exposure to the air as the lime absorbs CO<sub>2</sub>
- Those two combined and gentle settings reduce any risk of shrinkage and protect the substrates against humidity.
- It has a low elasticity modulus
- It allows buildings to "breathe", and does not trap moisture in the walls
- i.pro MUR CENTENAIRE SOUS ENDUIT re-absorbs the carbon dioxide (CO<sub>2</sub>) emitted by the calcination of the lime, thus partially offsetting the large amount emitted during its manufacture
- Easy to spray

## Uses

Renders on timber frames

## Components

Natural hydraulic lime and special additives



## Main characteristics

	Unit	Average values*
Bulk density (powder)	kg/m <sup>3</sup>	980
Air content	%	14
Density of the fresh mortar	-	1.6
Density of the hard mortar	-	1.2
Mechanical strength at 7 days	MPa	1.7
Mechanical strength at 28 days	MPa	3.6
Capilar absorption	-	Class W0
Adhesion strength	N/mm <sup>2</sup>	0.1-FP B
Fire reaction	-	Class A1
Consumption	Kg/m <sup>2</sup> /cm	16
Water demand	L/bag	3.5-4

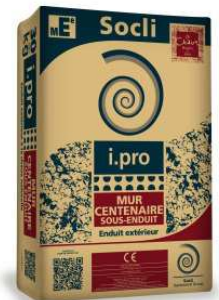
\*Statistical datas, non contractual

## Packaging

30-kg bags. Pallets of 49 bags (1470 kg)

## Advice

- Work between 8°C et 30° C
- Protect from sun and wind to prevent excessive drying
- Wet the wall the day before application
- Always work on clean walls
- Store the bags in dry conditions for a maximum of one year after the production date, as specified on the bags
- Always prepare the i.pro MUR CENTENAIRE SOUS ENDUIT mixture with a metal lathing (special timber frame designed for outdoor applications)
- Choose i.design CENT% FINITION S and M for the finishing coat



## Contraindications

- Do not make reinforced concrete with i.pro MUR CENTENAIRE SOUS ENDUIT
- Do not add any additives or admixtures
- Do not apply on the following substrates: gypsum, old walls with salt (use i.tech RINZAFFO and i.tech VENEZIANO)
- Do not apply during periods of frost

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