

# i.pro BATISTONE

## *Masonry mortar*



*i.pro BATISTONE is a natural mortar dedicated to the masonry of stones and bricks, and for use in pointing works. It has a natural hydraulic lime base and also contains sand that is selected for a perfect granulometry (0/4 mm).  
i.pro BATISTONE complies with European Standards.*



Masonry

## Properties

i.pro BATISTONE mortar is a real traditional mortar made from natural hydraulic lime, specially created for restoration works as well as green buildings. It shares its characteristics with lime:

- Workability that facilitates its application
- Low mechanical strength in terms of natural substrates like soft stones or bricks (around 3.5 MPa)
- Shrinkage reduction
- Lets the walls breathe using a vapour exchange to prevent problems with dampness
- It has a low elasticity modulus
- It allows buildings to "breathe", and does not trap moisture in the walls
- i.pro BATISTONE re-absorbs the carbon dioxide (CO<sub>2</sub>) emitted by the calcination (firing) of the lime, thus partially offsetting the large amount emitted during its manufacture
- Easy application
- Guarantee of an industrial blend for better regularity

## Uses

- Masonry of stones
- Earth bricks
- Clay bricks
- Hemp blocks, etc.



## Main characteristics

	Unit	Average characteristics*
Bulk density	kg/m <sup>3</sup>	1.50
Air content	%	2
Density on fresh mortar	-	2
Mechanical strength at 28 days	MPa	3.5
Capillar absorption	Kg/m <sup>2</sup> .min <sup>0.5</sup>	0.5
Density on hard mortar	-	1.6

\*Statistical datas, non contractual

## Packaging

25-kg paper bags. Pallets of 60 bags (1500 kg)

## Advice

- Dampen the stones, bricks or blocks before applying i.pro BATISTONE
- Always take care in excessive weather conditions (rain and sun) and protect the walls
- Use a natural hydraulic lime mortar for renders combined with i.pro BATISTONE (e.g. i.design CENT%)
- Store bags in dry conditions for a maximum of 1 year after the production date, as specified on the bags

## Contraindications

- Do not make reinforced concrete with i.pro BATISTONE
- Always work between 8°C and 30°C and outside of frost periods

