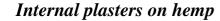


i.design MONOLYS





Natural hydraulic lime improves the hygrometric exchanges inside walls and reduces rising damps. On hemp, this function is particularly important.

i.design MONOLYS has been first developed for such type of substrates with hemp (shuttering, lime and hemp renders). It's a one coat render and applied manually or mechanically.

Preparation

Mixing time:

Minimum 5 to 7 min in a mixer and in a pumping machine

Settings:

Pumping machine:

Jacket pressure: 10 barsNozzle diametre: 12 mm

Mortar design

- Introduce a small amount of water in the mixer to clean the preceding mix
- Introduce i.design MONOLYS and the rest of the water in the mixer
- Mix 5 to 7 minutes to obtain a perfect homogeneity without any lump or pellet

Preparation of the substrate

- Clean the substrate
- If necessary fill in the holes with i.flow ALI FLASH or with a mortar of lime and cement
- On chases, use PRIMER SAN TOMMASO and apply a layout-grid. Make the same on each connexion between two materials (different porosities)
- Wet the substrate
- In presence of gypsum, apply first PRIMER SAN TOMMASO
- In case of connection between two different materials, openings or chase: apply a join tape (armed if necessary).

Application

- For a mechanical application, grease the pipes with i.design MONOLYS prepared as a lime slurry

Mechanical application

- Apply i.design MONOLYS in two layers (total thickness: 10 to 15 mm)

Manual application

- Apply i.design MONOLYS with a float or a Swiss float
- Dress with a float and immediately add i.design MONOLYS where it is necessary (holes for example)
- For the corners, use a special float (for corners) or a rabbet plane

Choice of finish

It's possible to realize the finishing aspect 1 h 30 to 2 hours after the application.

Sponged

- Gives to the plaster a rustic aspect. Use a sponge float

Smooth

- Use a sponge float then a float to create a gypsum aspect

Floated

- Use a wooden float or a plastic or polyurethane float



Indicated quantities

4.3 to 4.7 Litres of water by bag of 25 kg of i.design MONOLYS

Indicated consumption

(kg/m²/cm of thickness)

6 to 7 kg of i.design MONOLYS for 1.1 to 1.2 L of water

Why use a lime mortar?

- Well proven since many centuries, lime is now well known as the most suitable binder for the realization of renders
- Lime protects all types of supports. It can be removed without damage. That's why lime is recommended in restoration
- Lime is a natural and eco-friendly product
- It allows movements of the buildings and avoids cracks inside the walls
- During and after the set, lime mortars are permeable to air and waterproof. They allow the evaporation of the water and the walls "breathe"
- Lime mortars are easy to colour to obtain almost all the desired colours
- Finally lime mortars are easy to apply and sticky for a good adhesion.

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