



MELZI edilizia e restauro

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RESTORATION: Auxiliary

DUALENE LIC 09

Information sheet

This sheet shows some examples of latex use with mortar compositions. The aggregates to be used should be as dry as possible and indispensable free of soluble salts, so quartz aggregates or sands of river origin should be used.

The mixing of the components of the mortar, hydraulic binder, aggregates, latex, is done mechanically, with a drill equipped with a special helical impeller or for large quantities in a concrete mixer. To obtain homogeneous mixtures free of lumps, mix for a few minutes without initially exceeding with the amount of latex, adjusting with subsequent additions the final fluidity of the mortar according to the use, the mixture acquires the optimal consistency after a few minutes of mixing.

CEMENTITIOUS GROUT

"Zero" skimming of concrete

Hydraulic binder/inert (quartz flour)

volume ratio 1/1

Composition by weight

Hydraulic binder

370

Quartz flour

350

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280

consumption

0.15 - 0.2 kg/sqm

Max. thickness per layer

120 - 130 microns

Apply by trowel 2 layers for a total of approx. 250 microns. Given the low thicknesses in the hot season assess the need to perform post-wetting of each layer.

CEMENTITIOUS PAINT

Adhesion layer on concrete, anticorrosive paint for reinforcing bars

Composition by weight

Hydraulic binder

550 - 600

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450 - 400

consumption

1.5 - 1.6 kg/sq. mm thickness

Max. thickness per layer

1 mm

Application by brush, roller

CEMENT MORTAR

Skimming plaster, exterior insulation finishing system coating, reinforcing bars iron coating

Hydraulic binder/inert (quartz 0.1/0.3 - 0.1/0.5 mm)

volume ratio 1/2

Composition by weight

Hydraulic binder

270

Quartz sand

580

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150

consumption

1.6 - 1.8 kg/sq mm thickness

Max. thickness per layer

10 mm

Trowel application



HYDRAULIC LIME MORTAR

Plasters

Hydraulic binder/inert (sand 0.7 to 1 mm)

volume ratio 1/3

Composition by weight

Hydraulic binder

200

Quartz sand

660

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140

Consumption

1.6 - 1.8 kg/sq mm thickness

Max. thickness per layer

20 mm

Trowel application

The examples described are the results of on-site experience and laboratory tests; the real compositions should be evaluated under the specific conditions of use by testing. The amounts of latex given may vary depending on the absorption and moisture content of the aggregate.

VERSION 18/12. Product for professional use.

The user must assess whether the product is suitable for use in terms of type and method of use, on which the final performance depends.
This sheet replaces and cancels the previous ones