



Technical Sheet HEGEA® 0.0 Waterproofing

Employment

Denomination

Hegea® 0.0 waterproofing

Description

Inorganic white powder covering, applicable by brush, for exterior/interior, (waterproofing) element of particular schemes of application fit to waterproofing of counter -ground buildings and retaining walls.

The employment of Hegea® 0.0 waterproofing in the Hegea® schemes, offers functional and adaptable solutions, focused to infiltrations in counter – ground buildings and retaining walls. The thicknesses of these schemes, allow to operate on suitable and cohesive walls and in plasterworks at low thickness without modify the original quote (reinforced concrete).

Classification

Waterproofing covering, in white powder, inorganic, mono – component, with a base of Portland Cement 52.5 R CEM I, pertaining to particular application schemes

Composition

- Portland Cement 52.5 R CEM I.
- Selected inerts.
- Proper additives.

Suitability

In particular schemes of intervention, apply the finishing 0.8, 0.6, 0.3 on Hegea® base 2.0, Hegea®

Hegea® Range of products

- Hegea® base 2.0: Fibered render for background, silica sand based about Ø 2 - 1,5 mm
- Hegea® finishing 0.8: Render for finishing, grains of marble based about Ø 0,4 - 0,8 mm
- Hegea® finishing 0.6: Render for finishing, grains of marble based about Ø 0,2 - 0,6 mm
- Hegea® finishing 0.3: Render for finishing, grains of marble based about Ø 0,1 - 0,3 mm
- Hegea® 0.0 : Waterproofing covering

APPLICATION

Environmental condition

Room temperature (at least 12 hours): min. +5 °C max +35 °C
Protect from sun exposure and high wind

Dilution

Water down 1kg of powder in:

- 1st coat = 750ml water
- 2nd coat= 1lt water

Mix and wait about 15 minutes before applying

Lifetime of the mixture at ~ 20 °C

About 60 min.

Preparation of the surface

Bear the surfaces at a row state, if present, take away the painting, covering and renders through mechanical scratch or sandblast.

Take away the holders degraded and inconsistent up to the achievement of areas eligible to link.

Make any restoration with filler/fibered mortars Hidra® (proceed to full seasoning)

Reinforced concretes particularly smooth or treated with dismantling products, must be mechanically scratched or treated by acid followed by hydro washing.

Treat the uncovered irons with proper passivating products.

Rules of application

• Counter – ground waterproofing (buried structures):
Treat the whole area. In the presence of continuous dripping of the surface, it's necessary to block the outflow for the time required for full completion of the cycle.

Apply at least 2 coats of Hegea® base 2.0 as undercoat (total thickness of base about 5mm) it's possible to insert a fibre net *.

Proceed with a coat of Hegea® finishing 0.8, 0.6 o 0.3 (thickness about 1mm)** and complete with Hegea® 0.0 waterproofing (brush application).

• waterproofing for retaining walls:

Treat the whole area, damp the surfaces, apply at least 2 coats of Hegea® base 2.0 as undercoat (total thickness 5mm about) with possible insertion of a fibre net *.
Proceed with a coat of Hegea® 2.0, 0.8 or 0.6 (thickness 1mm about). Complete with Hegea® 0.0 waterproofing (brush application).

* On irregular surfaces, not entirely cohesive, cracks, angles or inserts, introduce a fibre net (150-160 gr/m²) among the coats of Hegea® base 2.0.

**wait at least 12 hours between the two applications of the levelling products, hydrating again the surfaces. If present the fibre net, the waiting time is not required.

Completion

Prevent a rapid drying. Keep hydrated before and after each application. 28 days to a full completion.

A strongly soaked wall, after the treatment, it could show slightly darker rings, in correspondence of the stains of humidity. These areas will vanish over time.

Output

Hegea® 0.0 waterproofing: 2 applications 500gr / m² about.

Painting

Counter ground and retaining waterproofing cycle: apply Hegea® 0.0 waterproofing on the Hegea® 2.0 - 0.8 - 0.6 - 0.3 coat. When wholly dried (≥ 28days), if necessary, paint using high transpiring products, silicate, lime or silica based products.

A strongly soaked wall, after the treatment, it could show slightly darker rings, in correspondence of the deep rings of humidity. These areas will vanish over time.

STORAGE

Packaging

Bucket 5kg - 10kg

Storage

12 months in undamaged packaging and sheltered from humidity

SAFETY INFORMATION

Classification of dangerousness

labelling is requested according to the rules 60/2001/CE and following variations and integrations

Warning for users

The concentrate could cause acute irritation (see concrete) see safety data sheet

Odour

Odourless

Awareness of garbage typology

Paper box :

Classifiable with code 150105 (it can be potentially assimilated to the urban wastes under the single municipally rules)

If the container holds residual of not dried powder, it can be assimilated under the code 150110

Dispose of the garbage as the local provisions

N.B. We edited this Technical Report to the best of our knowledge, anyway this is not promissory and it doesn't involve duties for any wrong use.

Hidra Srl

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