



## Technical Sheet HEGEA® base 2.0

### EMPLOYMENT

#### Denomination

Hegea® base 2.0

#### Description

Inorganic white powder fibred levelling, for exterior/interior, undercoat suitable to the dehumidification or waterproofing of counter ground and retaining walls.

The Hegea® cycles, offer functional and adaptable solutions, focused to infiltrations caused by damp ascending in counter ground buildings and retaining walls. The thicknesses of these schemes, allow to operate on suitable and cohesive walls and on plasterworks at low thickness without modify the original aspect (reinforced concretes).

#### Classification

Fibred levelling product, in white powder, inorganic, mono – component, with a base of Portland Cement 52.5 R CEM I and silica sand, pertaining to particular application schemes like dehumidification or waterproofing.

#### Composition

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

#### Suitability

Apply on reinforced concrete, filler - fibred mortars, plasters with a base on cement (lime ≤ 5%), seasoned, raw, solids and cohesive

#### Hegea® Range of products

- Hegea® base 2.0: Fibred 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 5 kg powder with 1 lt. water

#### Preservation period at ~ 20°C

60 min. about

#### Preparation of the surface

Bear the surfaces at the 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 the adequate areas.

Make any restoration with filler/fibred mortars Hidra® (proceed to the full completion).

Reinforced concretes particularly smooth or treated with dismantling products, shall be mechanically scratched or treated by acid and hydro washing. Treat the irons with proper passivating products.

#### Rules of application

Damp the area, levelling through a metallic trowel:

- damp ascending:

Treat a consistent area, about 60% up to the higher evaporation level. Damp the surfaces, apply 2 coats of Hegea® base (base) 2.0 as undercoat (total thickness of the base 5mm about) with insertion of the fibre net\*. Complete with a coat of Hegea® finishing 0.8, 0.6 o 0.3 (thickness 1mm about)\*\*.

- counter ground waterproofing (underground walls):

Treat the whole area. In the case of dripping of the surface, it's necessary to block the outflow for the period required to the completion of the cycle.

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Damp the surfaces, apply at least 2 coats of Hegea® base 2.0 as undercoat (base total thickness 5mm about) with insertion of the fibre net\*. Proceed with one coat of Hegea® finishing 0.8, 0.6 o 0.3 (thickness 1mm about)\*\* and complete with Hegea® 0.0 waterproofing.

- 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 insertion of a fibre net\*.

Proceed with a coat of Hegea® 2.0, 0.8 or 0.6 (thickness 1-2mm about). Complete with Hegea® 0.0 waterproofing.

\* On irregular surfaces, not entirely cohesive, cracks, angles or inserts, introduce a fibre net (150-160 gr/m<sup>2</sup>) 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.

#### Output

- Hegea® base 2.0: 1mm/m<sup>2</sup> = about 1,5 kg

#### Painting

- damp ascending: when wholly dried (≥ 28gg), 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.

- waterproofing cycle in counter ground or retaining walls: apply Hegea® 0.0 waterproofing on the Hegea® 2.0 - 0.8 - 0.6 - 0.3 coat.

### STORAGE

#### Packaging

Bucket 5kg - 25kg

#### 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 white cement). See the safety data sheet.

#### Odour

Odourless

#### Awareness of garbage typology

Paper box:

Classifiable with code 150105 (categorized 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.

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