

Specification
HEGEA®

WATERPROOFING AGAINST SOIL MOISTURE

Waterproofing treatment for below ground structures with localised or widespread leakages of water

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Supply and application of water-proofing treatment for structures in contact with soil, composed of fibre-reinforced plaster and white Portland cement cement based inorganic water-proofing coatings for water-proofing below ground structures subjected to pressure from the soil behind them, (such as Hidra Hegea base 2.0, Hegea finish 0.8 0.6 0.3, Hegea 0.0 water-proofing or similar products) white in colour, for external/internal use.

The product must be applied as follows:

- apply to rough cement plaster, removing efflorescence, paint and render by mechanical abrasion using a wall sander. Treat to a depth of about 5 mm from the original level;
- treat any exposed steel reinforcement with passivating corrosion inhibiting products (such as Hidra Grip or similar); repair any section of plaster that had to be removed due to separation from the wall or degradation with premixed thixotropic fibre reinforced cement mortar (such as Hidra Rip or similar). Allow it to cure;
- after hydration, apply the water-proofing treatment for structures in contact with soil in the following stages:
2 layers of render as a base
1 finishing layer
1 layer of water-proofing coating.
- Where there are cracks, corners, different types of base material or areas that are not totally sound, add a fibre sheet ($\geq 150\text{gr/m}^2$) between the base layers.

Features of the water-proofing treatment for soil retaining structures:

- high waterproofing and protective properties, capable of being effective in buildings subject to leakages due to back pressure from the soil behind;
- highly salt resistant: nitrates, sulphates.
- the render is applied in thin layers (total approx. 5-6 mm);
- applied onto rough, solid and sound cement based surfaces (plaster, reinforced concrete, concrete), after sanding;
- excellent adhesion to cement based plasters, concrete and reinforced concrete;
- totally inorganic composition;
- aesthetically pleasing appearance of the coating.

N.B. This Technical Bulletin has been prepared to the best of our knowledge, however it is not binding and assumes no liability also because of the different conditions of usage.

Hidra Srl

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