

Diathonite Regularization

Pre-mixed mortar (such as **Diathonite Regularization**) based on natural hydraulic lime and selected mineral aggregates in suitable grain size curve. Ideal as anti-saline barrier in the treatment of humidity problems, it avoids the passage of water-soluble salts in the plaster layer. Designed to even out the absorption of the existing substrate, regularise the substrate and provide a better bonding surface to the plaster. Designed for load-bearing and infill masonry in brick, tuff, stone and mixed interior and exterior walls before application of the dehumidifying plaster. The product is designed for green building and restoration work where it is necessary to guarantee the breathability of the wall and the use of natural materials. Minimum required characteristics: Compressive strength 4,30 N/mm² | 623.66 lb/in²; Water Vapour Resistance $\mu < 8,0$; As Water absorption by capillarity 0,35 kg/m²h^{0,5}; Adhesion to the substrate (brick) – break type C with 0,258 N/mm² | 37.42 lb/in²; Fire resistance (Euroclass) A1; Resistance to salts – test passed; Consistency of hand rendering 64,5 mm; Apparent volume mass of fresh mortar 1360 kg/m³; Durability (frost-thaw resistance) – test passed.

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