

Calce Storica

Single-component, premixed mortar (such as **Calce Storica**) based on NHL 5 natural hydraulic lime, completely cement-free, characterised by excellent mechanical strength and high adhesion to the substrate. Designed for consolidating and restoring masonry structures, even in seismic areas. Resistance class M15 according to UNI EN 998-2. Minimum required characteristics: Compressive strength after 28 days is 17,95 MPa=N/mm² | 2603.43 lb/in²; Flexural strength after 28 days 5,66 MPa=N/mm² | 820.92 lb/in²; Elastic modulus in compression after 28 days 19,67 GPa; Workability time at 20°C – 60 min; Thermal conductivity (λ)=0,124 W/mK; Vapour permeability coefficient $\mu=12$; Reaction to Fire – Class A1; Density of the mixture 1700 \pm 20 kg/m³; Fresh mortar consistency classes – Class S3-S4; Density of the hardened mortar 1450 \pm 20 kg/m³.

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