

Diathonite Sismactive

Cork-based thermal and structural mortar (such as **Diathonite Sismactive**), formulated with clay, diatomaceous earth and hydraulic binder. CE marked according to UNI EN 998-2 requirements for masonry mortars class M10 and according to UNI EN 998-1 as mortar for internal and external CS IV, it is ideal for the consolidation of masonry structures, of vaults through the realization of collaborating hoods and the construction of reinforced repointing systems. Designed for the structural reinforcement of masonry buildings with Composite Reinforced Mortar (CRM) systems. It is used in combination with a reinforcement mesh (such as **Polites AR 330**), fiberglass connectors (such as **Elites L** or **Elites F**) and a resin (such as **Sismabond**). Pre-mixed product packaged in bags, which benefits from double CE marking (EN 998-1, EN 998-2) and contributes to LEED[®] credits. Minimum required characteristics: Compressive strength 10.1 N/mm² | 1464.88 lbf/in² (psi); Flexural strength 2.3 N/mm² | 333.59 lbf/in² (psi); mal Conductivity (λ) 0.065 W/mK; Specific heat capacity (c) 1000J/kgK = 0.239kcal/kg°C; Hardened material weight 800 (\pm 10%) kg/m³ | 49.94 \pm 0.62 % lb/ft³.

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