**SPECIFICATIONS**

FLEXOMIX 30

Supply and installation of cement-based modified polymer mortar with a low modulus of elasticity, thixotropic and fibre-reinforced that allows volume restoration and surface finishing of concrete or plaster in a single solution, applied in layers not exceeding 2 cm depending on the type of use.

The product must be used for:

* To level the surface of deteriorated beams and columns
* To renovate balcony bands
* To restore superficial concrete defects such as loose stone foundations, chipped parts, etc...
* To repair deteriorated concrete covers
* Repairing missing portions of screeds and plasters
* To level waterproofed surfaces with Plastivo and/or Aquascud

The material must have the following characteristics:

EC Certification according to EN 1504-3 - Class R3

**Specification, Test method and Values**

**Flexural strength after 28 days (UNI EN 12190):** 10.4 MPa

**Compressive strength after 28 days (UNI EN 12190):** 43.2 MPa

**Adhesion to the concrete (UNI EN 1542):** 1.62 MPa

**Compressive modulus of elasticity after 28 days (UNI EN 13412):** 20 GPa

**Resistance to carbonation (UNI EN 13295):** fulfilled requisite

**Capillary absorption coefficient (UNI EN 13057):** 0.14 kg\*m⁻²\*h⁻0.5

**Thermal compatibility Part 1 (adhesion after 50 un/freezing cycles) UNI EN 13687-1:** 2.41 MPa

**Thermal compatibility Part 2 (adhesion after 30 thunder cycles) UNI EN 13687-2:** 2.71 MPa

**Thermal compatibility Part 4 (adhesion after 30 dry thermal cycles) UNI EN 13687-4:** 2.50 MPa

as well as Flexomix 30 Volteco or a product with equal or superior characteristics.

The technical data must be supported by test certification issued by an accredited official laboratory and/or be subjected to quality control according to ISO 9001.

Per ulteriori dettagli sui singoli prodotti e specifiche di posa, fare riferimento alle relative schede tecniche scaricabili nella versione aggiornata sul sito internet [www.volteco.com.](http://www.volteco.com/)

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