

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	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	$0.14 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$
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.

For further details on the individual products and installation specifications, refer to the relevant technical data sheets which can be downloaded in the updated version on the website www.volteco.com.