

Unique identification code of the product: MARMOLINE THIXOCRETE R4

Thixotropic mortar for structural concrete repairs

It refers to all batches of MARMOLINE THIXOCRETE R4, produced after the issue of the present declaration

Intended use /es: Repair mortar (CC mortar) for structural concrete repairs, 10 – 40 mm thickness

Manufacturer /Distributor:

NORDIA S.A., Head Office: 364 Kifissias av., 15233 Chalandri /Greece, tel: +302295022225

Manufacturing plant: 1st klm Country road Markopoulou-Oropou, 19014 Polydendri Attikis/ Greece

Systems of AVCP: 2+

Harmonized standards: EN 1504-3:2005 - principles 3.1, 3.3, 4.4, 7.1, 7.2

Notified body/ies: FPC cert.: TÜV AUSTRIA HELLAS (0906)

Type tests: Laboratories: DEMOCRITUS UNIVERSITY OF THRACE

Declared performance /s:

Essential characteristics	Performance	Harmonised technical spec.
Category - type:	Class R4 Structural repair	EN 1504-3:2005 § 5, table 3
Compressive strength:	> 45 MPa	EN 1504-3:2005 § 5, table 3 EN 12190
Chloride ion content:	≤ 0.05 %	EN 1504-3:2005 § 5, table 3 EN 1015-17
Adhesive bond:	≥2 MPa	EN 1504-3:2005 § 5, table 3 EN 1542
Restrained shrinkage /expansion	≥2 MPa	EN 1504-3:2005 § 5, table 3 EN 12617-4
Elastic modulus	≥20 GPa	EN 1504-3:2005 § 5, table 3 EN 13412
Carbonation resistance:	pass	EN 1504-3:2005 § 5, table 3 EN 13295
Capillary absorption	≤ 0.5 kg·m ⁻² ·h ^{-0.5}	EN 1504-3:2005 § 5, table 3 EN 13057
Reaction to fire:	Class A1 (without testing – organic content < 1,0% - 96/603/EC)	EN 1504-3:2005 § 5.5
Dangerous substances:	Complies with §5.4	EN 1504-3:2005 § 5.4

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:

Polydendri, 1/6/2023

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