

**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: 1<sup>st</sup> km Provincial Road Malakasas - Markopoulou, 19011 Malakasa, Attica, 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:** TÜV AUSTRIA HELLAS (0906)

**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 <sup>-2</sup> ·h <sup>-0.5</sup>	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:**

Malakasa, 21/1/2025

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