

**Unique identification code of the product:** MARMOLINE FLUIDCRETE R4

Flowable mortar for structural concrete repairs

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

**Intended use /es:** Highly flowable repair mortar (CC mortar) for structural concrete repairs**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 3.2, 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

NORDIA S.A.  
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Dimitrios Poulakidas  
R&D-QC manager /Mortars

**Unique identification code of the product:** MARMOLINE FLUIDCRETE R4

Highly flowable repair mortar (CC mortar) for precision grouting and anchoring of reinforcement

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

**Intended use /es:** Flowable mortar for anchoring**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 1504-6:2006**Notified body/ies:** TÜV AUSTRIA HELLAS (0906)**Declared performance /s:**

Essential characteristics	Performance	Harmonised technical spec.
Pull out strength	< 0.6 mm (for a load of 75 kN)	EN 1504-6:2006 § 5, table 3 EN 1881
Chloride ion content:	≤ 0.05 %	EN 1504-6:2006 § 5, table 3 EN 1015-17
Reaction to fire:	Class A1 (without testing – organic content < 1.0% - 96/603/EC)	EN 1504-4:2006 § 5.4
Dangerous substances:	Complies with §5.3	EN 1504-4:2006 § 5.3

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