

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

**Systems of AVCP:** 2+

**Harmonized standards:** EN 1504-3:2005 - principles 3.2, 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 <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:**

Polydendri, 1/6/2023

NORDIA S.A.  
QUARRYING AND INDUSTRIAL  
AND COMMERCIAL CO.S.A.  
VAT: EL 999211319  
364 KIFISSIAS AVENUE  
CHALANDRI 15233 ATHENS GR  
TEL. 0030 - 210 - 68 53 480  
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Vivi Dilaveri  
Director of Marmoline Business Unit, Nordia S.A

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

**Systems of AVCP:** 2+

**Harmonized standards:** EN 1504-6:2006

**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.
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

**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:**

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