

MEGACRET-40

DECLARATION OF PERFORMANCE

Declaration number: **MEGACRET-40 / 1207-03**

1.Unique identification code of the product type	MEGACRET-40
2.Intended use/uses	Mortar based on hydraulic cement (CC) for structural repair Applying mortar by hand (3.1) Spraying concrete or mortar (3.3) Structural strengthening by adding mortar or concrete(4.4) Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1) Replacing contaminated or carbonated concrete (7.2)
3.Manufacturer	<i>ISOMAT S.A</i> 17th Km Thessaloniki-Ag. Athanasios 57003 Ag. Athanasios, Greece
4.Authorised representative	<i>ISOMAT D.O.O.</i> Prhovacka bb, 22310, Šimanovci, Serbia <i>ISOMAT ROMANIA SRL</i> Str. Islazului Nr.1-5, Pantelimon, 077145 Jud. Ilfov, Romania <i>ISOMAT INTERNATIONAL E.O.O.D.</i> Botevgradsko Shosse No.348. Sofia, Bulgaria <i>ISOMAT GRADBENI MATERIALI D.O.O.</i> Cvetkova ulica 2 9000 Murska Sobota, Slovenia <i>ISOMAT YAPI KIMYASALLARI VE TIC.LTD.STI.</i> <i>ISTANBUL</i> IOSB S. Demirel Bulvan, Heskop Is Modern San. Sit., J Blok Zemin Kat No 20, Basaksehir <i>ООО «ИЗОМАТ»</i> 17, Nauchniy proezd, building 15-3 117246, MOSCOW, Russian Federation <i>ISOMAT DEUTSCHLAND GMBH</i> Karl-Wirth-Strasse 14 D-76694 Forst,Germany
5.System/s of AVCP	System 2+ (for uses in buildings and civil engineering works)

6a.Harmonised standard	EN 1504-3:2005
Notified body/ies	BUILDING RESEARCH INSTITUTE (NISI) NB 2032
6b.European Assessment Document	Not relevant
European Technical Assessment	Not relevant
Technical Assessment body	Not relevant
Notified body/ies	Not relevant

7.Declared performance/s			
Essential characteristics	Performance	Test Method	Harmonized Technical Specification
Compressive strength	Class R4	EN 12190	EN 1504-3:2005
Chloride ion content	≤ 0,05 %	EN 1015-17	
Adhesive bond	≥ 2,0 MPa	EN 1542	
Carbonation resistance	Pass	EN 13295	
Elastic modulus	≥ 20 GPa	EN 1542	
Thermal compatibility Part 1: Freeze thaw cycles	≥ 2,0 MPa	EN 13687-1	
Capillary Absorption	≤ 0,5 kg/m ² .h ^{0.5}	EN 13057	
Reaction to fire	Class A1	EN 13501-1	
Dangerous substances	Complies with 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) No 305/2011, under the sole responsibility of the manufacturer identified above:

Signed for and on behalf of the manufacturer by:



Konstantinos Iliopoulos
Quality Manager



Georgios Syriopoulos
Certifications & Specifications Manager

Agios Athanasios 30 / 07 / 2022

CE MARKING



2032

ISOMAT S.A.

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2032-CPR-10.11

EN 1504-3

Concrete repair product for structural repair CC
mortar (based on hydraulic cement)

DoP No.: MEGACRET-40/1207-03

Compressive strength: class R4

Chloride ion content: $\leq 0.05\%$

Adhesion: ≥ 2.0 MPa

Carbonation resistance: Pass

Elastic modulus: ≥ 20 GPa

Thermal compatibility part 1: ≥ 2.0 MPa

Capillary absorption: $\leq 0.5 \text{ kg} \cdot \text{m}^{-2} \cdot \text{h}^{-0.5}$

Dangerous substances: comply with 5.4

Reaction to fire: Euroclass A1



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