

# MEGACROUT-100

## DECLARATION OF PERFORMANCE

Declaration number: **MEGAGROUT-100 / 1209-03**

<b>1.Unique identification code of the product type</b>	MEGAGROUT-100
<b>2.Intended use/uses</b>	Mortar based on hydraulic cement (CC) for structural repair Applying mortar by hand (3.1) Recasting with concrete (3.2) 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)
<b>3.Manufacturer</b>	<i>ISOMAT S.A</i> 17th Km Thessaloniki-Ag. Athanasios 57003 Ag. Athanasios, Greece
<b>4.Authorised representative</b>	<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
<b>5.System/s of AVCP</b>	System 2+ (for uses in buildings and civil engineering works)

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

<b>7.Declared performance/s</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Test Method</b>	<b>Harmonized Technical Specification</b>
<b>Compressive strength</b>	Class R4	EN 12190	<b>EN 1504-3:2005</b>
<b>Chloride ion content</b>	≤ 0,05 %	EN 1015-17	
<b>Adhesive bond</b>	≥ 2,0 MPa	EN 1542	
<b>Carbonation resistance</b>	Pass	EN 13295	
<b>Elastic modulus</b>	≥ 20 GPa	EN 1542	
<b>Thermal compatibility Part 1: Freeze thaw cycles</b>	≥ 2,0 MPa	EN 13687-1	
<b>Capillary Absorption</b>	≤ 0,5 kg/m <sup>2</sup> .h <sup>0.5</sup>	EN 13057	
<b>Reaction to fire</b>	Class A1	EN 13501-1	
<b>Dangerous substances</b>	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**

**DoP No.:MEGAGROUT-100/1209-03**

EN 1504-3

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

Compressive strength: class R4

Chloride ion content:  $\leq 0.05\%$

Adhesion:  $\geq 2.0$  MPa

Carbonation resistance: Pass

Elastic modulus:  $\geq 20$  GPa

Thermal compatibility part 1:  $\geq 2.0$  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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**[www.isomat.eu](http://www.isomat.eu)**

**ISOMAT S.A.**  
**BUILDING CHEMICALS,**  
**MORTARS & PAINTS**

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CERTIFIED COMPANY