

# DECLARATION OF PERFORMANCE

No. MEGACRET-40/1207-03

1. Unique identification code of the product-type:

**MEGACRET-40**

2. Intended use:

**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 concrete (7.2)**

3. Manufacturer:

**ISOMAT S.A**

**17th Km Thessaloniki-Ag. Athanasios 57003**

**Ag. Athanasios, Greece**

5. Authorised representative:

**ISOMAT D.O.O.**

**Prhovacka bb, 22310**

**Šimanovci, Serbia**

**ISOMAT ROMANIA SRL**

**Str. Islazului Nr.1-5, Oras Pantelimon**

**Jud. Ilfov, Romania**

**ISOMAT INTERNATIONAL E.O.O.D.**

**1247 Sofia, Dobroslavtsi**

**reg. Novi Iskar, Selskostopanski dvor, Bulgaria**

**ISOMAT gradbeni materiali d.o.o.**

**Cesta na stadion 1a Si-9250,**

**Gornja Radgona, Slovenija**

**ISOMAT YAPI KIMYASALLARI VE TIC.LTD.STI.**

**ISTANBUL**

**IOSB S. Demirel Bulvan, Heskop Is Modern San. Sit., J Blok Zemin Kat No 20, Basaksehir**

**ООО «ИЗОМАТ»**

**117218, г. Москва, Нахимовский проспект, д.24, стр.4, пав.6, ком.516-518**

6. System of AVCP:

**System 2+ (for uses in buildings and civil engineering works)**

**System 4 (for uses subject to reaction to fire regulations)**

6a. Harmonised standard:

**EN 1504-3:2005**

Notified body:

**BUILDING RESEARCH INSTITUTE (NISI) No 2032-CPR-10.11C**

6b. European Assessment Document:

**not relevant**

European Technical Assessment:

**not relevant**

Technical Assessment body

**not relevant**

Notified body:

**not relevant**

7. Declared performance

<b>Essential characteristics</b>	<b>Performance</b>	<b>Test Method</b>	<b>Harmonised Technical specification</b>
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	passed	EN 13295	
Elastic modulus	≥ 20 GPa	EN 13412	
Thermal compatibility Part 1: Freeze thaw with de-icing salt immersion	≥ 2,0 MPa	EN 13687-1	
Capillary Absorption	≤ 0,5 kg/m <sup>2</sup> .h <sup>0,5</sup>	EN 13057	
Reaction to fire	class A1	EN 13501-1	
Dangerous substances	Complies with 5.4		

8. 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



.....  
**Panagiotis Avramidis**  
R&D manager

**Agios Athanasios 11/08/2014**