

DECLARATION OF PERFORMANCE

No. MEGACRET-50 THIXO/1270-02

1. Unique identification code of the product-type:

MEGACRET-50 THIXO

2. Intended use:

Polymer modified mortar based on hydraulic cement (PCC) 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-10.11

6b. European Assessment Document:

not relevant

European Technical Assessment:

not relevant

Technical Assessment body

not relevant

Notified body:

not relevant

7. Declared performance

Essential characteristics	Performance	Test Method	Harmonised 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	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 ² .h ^{0,5}	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:



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Konstantinos Iliopoulos
Quality manager



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Panagiotis Avramidis
R&D manager

Agios Athanasios 22/10/2018