

EPOMAX-EK

DECLARATION OF PERFORMANCE

Declaration number: **EPOMAX-EK /1804-03**

1.Unique identification code of the product type	EPOMAX-EK
2.Intended use/uses	Structural bonding product for bonded mortar or concrete
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 1504-4:2005
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
Adhesion	Fracture to concrete	EN 12636	EN 1504-4:2005
Shear strength	≥ 6 N/mm ²	EN 12615	
Compressive strength	≥ 30 N/mm ²	EN 12190	
Shrinkage/Expansion	≤ 0,1 %	EN 12617-1	
Workability	25 minutes at +20°C	EN ISO 9514	
Sensitivity to water	Pass	EN 12636	
Modulus of elasticity	≥ 2000 N/mm ²	EN 13412	
Coefficient of thermal expansion	≤ 100 × 10 ⁻⁶ per K	EN 1770	
Glass transition temperature	≥ 40 °C	EN 12614	
Reaction to fire	Euroclass E	EN 13501-1	
Durability	Pass	EN 13733	
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 1504-4

DoP No:EPOMAX-EK/1804-03

Structural bonding product for bonded mortar or
concrete for uses other than low performance
requirements

Adhesion: Fracture to concrete

Shear Strength: $\geq 6.0 \text{ N/mm}^2$

Compressive strength: $\geq 30.0 \text{ N/mm}^2$

Shrinkage/expansion: $\leq 0.1\%$

Workability: 25 minutes at +20 °C

Sensitivity to water: pass

Modulus of elasticity: $\geq 2,000 \text{ N/mm}^2$

Coefficient of thermal
expansion: $\leq 100 \times 10^{-6}$ per K

Glass transition temperature: $\geq 40 \text{ °C}$

Reaction to fire: Euroclass E

Durability: Pass

Dangerous substances: comply with 5.4



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www.isomat.eu

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