

# DUROCRET-DECO FLEX

## DECLARATION OF PERFORMANCE

Declaration number: **DUROCRET-DECO FLEX / 1266.1504-01**

<b>1.Unique identification code of the product type</b>	DUROCRET-DECO FLEX
<b>2.Intended use/uses</b>	Fine polymer modified mortar based on hydraulic cement (PCC) for structural repair Applying mortar by hand (3.1) Spraying concrete or mortar (3.3) Increasing cover to reinforcement with additional cementitious mortar or concrete (7.1) Replacing contaminated 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 R3	EN 12190	<b>EN 1504-3:2005</b>
<b>Chloride ion content</b>	≤ 0,05 %	EN 1015-17	
<b>Adhesive bond</b>	≥ 1,5 MPa	EN 1542	
<b>Carbonation resistance</b>	Pass	EN 13295	
<b>Elastic modulus</b>	≥ 15,0 GPa	EN 13412	
<b>Thermal compatibility Part 1: Freeze thaw cycles</b>	≥ 1,5 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 A2-s1, d0	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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P.O. BOX 1043, 570 03 Ag. Athanasios, Greece

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**2032-CPR-10.11**

EN 1504-3

Concrete repair product for structural repair  
PCC mortar (based on hydraulic cement,  
polymer modified)

DoP No.: DUROCRET-DECO FLEX  
/1266.1504-01

Compressive strength: class R3

Chloride ion content:  $\leq 0.05\%$

Adhesion:  $\geq 1.5$  MPa

Carbonation resistance: Pass

Elastic modulus:  $\geq 15$  GPa

Thermal compatibility part 1:  $\geq 1.5$  MPa

Capillary absorption:  $\leq 0.5$  kg·m<sup>-2</sup>·h<sup>-0.5</sup>

Dangerous substances: comply with 5.4

Reaction to fire: Euroclass A2-s1, d0



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**[www.isomat.eu](http://www.isomat.eu)**

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CERTIFIED COMPANY