

# ADIUM-150

## DECLARATION OF PERFORMANCE

Declaration number: **ADIUM-150 / 1603-03**

<b>1.Unique identification code of the product type</b>	ADIUM-150
<b>2.Intended use/uses</b>	High range water reducing- Super plasticizing admixture for concrete
<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 934-2:2009+A1:2012
<b>Notified body/ies</b>	TÜV AUSTRIA HELLAS, NB 0906
<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>Setting time</b>	Initial: test mix $\geq$ control mix + 90 min Final: test mix $\leq$ control mix + 360 min	EN 480-2	<b>EN 934-2:2009 +A1:2012 T.3.1 &amp; T.3.2</b>
<b>Compressive strength at 1 day</b>	Test mix $\geq$ 140% of control mix	EN 12390-3	
<b>Compressive strength at 28 days</b>	Test mix $\geq$ 115% of control mix	EN 12390-3	
<b>Water reduction</b>	In test mix $\geq$ 12% compared with control mix	Slump EN 12350-2 or Flow EN 12350-5	
<b>Air content in fresh concrete</b>	Test mix $\leq$ 2% (by volume) above control mix	EN 12350-7	
<b>Increase of consistence</b>	Increase in slump: $\geq$ 120 mm from initial (30 $\pm$ 10 mm) or Increase in flow: $\geq$ 160 mm from initial (350 $\pm$ 20 mm)	Slump EN 12350-2 or Flow EN 12350-5	
<b>Retention of consistence</b>	30 min after the addition: consistence of test mix $\geq$ consistence of control mix		
<b>Compressive strength at 28 days</b>	Test mix $\geq$ 90% of control mix	EN 12390-3	
<b>Air content in fresh concrete</b>	Test mix $\leq$ 2% (by volume) above control mix	EN 12350-7	
<b>Chloride ion content</b>	$\leq$ 0,1% by weight	EN 480-10	
<b>Alkali content</b>	$\leq$ 2,0% by weight	EN 480-12	
<b>Corrosion behaviour</b>	Contains components only from EN 934-1:2008, Annex A.1	EN 480-14	
<b>Dangerous substances</b>	Compliance		

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 20 / 09 / 2022**

## CE MARKING



0906

### ISOMAT S.A.

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0906-CPR-02412007/01

EN 934-2:2009+A1:2012

DoP No.: ADIUM 150/1603-03

### ADIUM 150

High Range Water Reducing –  
Concrete Superplasticizing Admixture  
EN 934-2: T3.1/T3.2

Max chloride content: chloride free

Max alkali content: ≤ 2.0% by weight

Corrosion behavior: contains components only  
from EN 934-1:2008, Annex A.1

Dangerous substances: compliance



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CERTIFIED COMPANY