

# DECLARATION OF PERFORMANCE

According Annex III of the Regulation (EU) No.305/2011

No. GABG001/2

DECLARATION OF PERFORMANCE

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**SUPERFLUID 21M1M EKO**

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**CE**

1. Unique identification code of the product-type:  
**GABG001**  
**EN 934-2:T11.1&11.2, set retarding/high range water reducing/super plasticizing admixture for concrete**
2. Intended use/uses:  
**Admixture for plain, reinforced and prestressed concrete which is used in site-mixed, ready-mixed concrete and precast concrete**
3. Manufacturer:  
**ADING AD Skopje, Novoselski pat (ul. 1409) br. 11, 1060 Skopje, R. Macedonia**
4. Authorised representative:  
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5. System or systems of AVCP:  
**System 2+**
- 6a. Harmonised standard:  
**EN 934-2:2009+A1:2012**

Notified body:

**Building Research Institute (N I S I) Ltd, 1618 Sofia, Bulgaria, №86 Nikola Petkov Blvd - notified body for construction products, with identification number NB 2032 in European Commission register performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued: Certificate of conformity of the factory production control 2032-CPR-08.40B**

## 7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification	
Chloride ion content	≤ 0,1% by mass	MKC EN 934-2+A1:2013	EN 934-2:2009+A1:2012
Alkali content	≤ 2,0% by mass		
Corrosion behavior	Contains components only from EN 934-1:2008, Annex A.1		
Compressive strength	<u>(at equal consistence – T11.1)</u> At 7 days: test mix ≥ 100 % of control mix At 28 days: test mix ≥ 115 % of control mix <u>(at equal w/c ratio – T11.2)</u> At 28 days: test mix ≥ 90 % of control mix		
Air content	Test mix ≤ 2 % by volume above control mix		
Water reduction	In test mix ≥ 12 % compared with control mix		
Setting time	Initial: test mix ≥ control mix + 90 min Final: test mix ≤ control mix + 360 min		
Hardening time/ strength development	<u>(at equal consistence – T11.1)</u> At 7 days: test mix ≥ 100 % of control mix At 28 days: test mix ≥ 115 % of control mix		
Consistency	60 min after the addition the consistence of the test mix shall not fall below the value of the consistence of the control mix		
Dangerous substances	No performance determined		

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## 8. Appropriate technical documentation and/or specific technical documentation:

**The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified in point 3.**

Signed for and on behalf of the manufacturer by:

General Manager,




Blagoj Donchev, Civ.Eng.

Skopje, 18.06.2018

# CE MARKING

Annex to DoP No. GABG001/2

DECLARATION OF PERFORMANCE

 2032	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, Macedonia 14 2032-CPR-08.40B EN 934-2:2009+A1:2012 <b>SUPERFLUID 21M1M EKO</b> Set retarding/high range water reducing/superplasticizing admixture for concrete EN 934-2:T11.1&T11.2	
Chloride ion content	<b>≤ 0,1% by mass</b>
Alkali content	<b>≤ 2,0% by mass</b>
Corrosion behaviour	<b>Contains components only from EN 934-1:2008, Annex A.1</b>
Compressive strength	<b><u>(at equal consistence – T11.1)</u></b> <b>At 7 days: test mix ≥ 100 % of control mix</b> <b>At 28 days: test mix ≥ 115 % of control mix</b> <b><u>(at equal w/c ratio – T11.2)</u></b> <b>At 28 days: test mix ≥ 90 % of control mix</b>
Air content	<b>Test mix ≤ 2 % by volume above control mix</b>
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Hardening time/ strength development	<b><u>(at equal consistence – T11.1)</u></b> <b>At 7 days: test mix ≥ 100 % of control mix</b> <b>At 28 days: test mix ≥ 115 % of control mix</b>
Consistency	<b>60 min after the addition the consistence of the test mix shall not fall below the value of the consistence of the control mix</b>
Dangerous substances	<b>No performance determined</b>

**ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)**

Information and advice on safe handling, storage and disposal of the chemical product are contained in the official Safety Data Sheet (SDS).

**NOTE**

The information and recommendations relating to proper storage, handling and end-use of Ading's products are given based on our best knowledge and experience. The differences in substrates and ambient conditions are not covered with this information. The user shall refer to the official technical data sheet. ADING reserves the right to change its products. The proprietary rights of third parties must be observed. All orders are accepted under current terms of sale and delivery.



Company for production of chemical materials for construction industry, since 1969

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