

# DECLARATION OF PERFORMANCE

According to the Regulation (EU) No.305/2011

No. GABF002/5

---

## SUPERFLUID 21MS EKO

---

CE

1. Unique identification code of the product-type:  
**GABF002**
2. Intended use/uses:  
**According to EN 934-2:T11.1&11.2, set retarding/high range water reducing/superplasticizing admixture for concrete**
3. Manufacturer:  
**ADING AD Skopje, Novoselski pat (ul. 1409) br. 11, 1060 Skopje, R. North Macedonia**
4. Authorised representative:  
**/**
5. System or systems of Assessment and Verification of Constancy of Performance (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 („Научноизследователски строителен институт – НИСИ“ ЕООД, Р. България, София 1618, бул. "Никола Петков" № 86) - 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+.**



## 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		

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 the 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,




Blagoja Donchev, Civ. Eng.

Skopje, 16.06.2021

# CE MARKING

Annex to DoP No. GABF002/5

DECLARATION OF PERFORMANCE

 2032	
ADING AD Skopje, Novoselski pat (ul 1409) br.11 1060 Skopje, North Macedonia 17 GABF002/5 EN 934-2:2009+A1:2012 <b>SUPERFLUID 21MS 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>
Water reduction	<b>In test mix ≥ 12 % compared with control mix</b>
Setting time	<b>Initial: test mix ≥ control mix + 90 min</b> <b>Final: test mix ≤ control mix + 360 min</b>
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.

