



BUILDING RESEARCH INSTITUTE - NISI

NOTIFIED CERTIFICATION BODY

Identification number NB 2032 of the European Commission

Bulgaria, 1618 Sofia, 86 Nikola Petkov Blvd. , tel: +359 28561082, fax: +359 29559638, e-mail: nisi@nisi.bg, web: www.nisi.bg

CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL No 2032-CPR-08.40E



In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction products

ADMIXTURES FOR CONCRETE, SPRAYED CONCRETE AND MASONRY MORTAR

used in site mixed and ready mixed concrete mixtures for plain, reinforced, precast and sprayed concrete, as well as in cement based masonry mortar. The trade names and performance of essential characteristics are given in Annex 1, Annex 2 and Annex 3 to the Certificate.

placed on the market by

ADING A.D.

Novoselski pat (1409 str.) No.11, Skopje, Republic of North Macedonia.

and produced in the factory of

ADING A.D.

Novoselski pat (1409 str.) No.11, Skopje, Republic of North Macedonia.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

**EN 934-2:2009+A1:2012, EN 934-3:2009+A1:2012,
EN 934-5:2007**

under system 2+ for the performances set out in this certificate are applied and that

the factory production control fulfils all the prescribed requirements for these performances.

This certificate withdraws and replaces the certificate No 2032-CPR-08.40D of 15.12.2020 that was first issued on 30.06.2008 and will remain valid until 14.12.2023 provided that the test methods and/or factory production control requirements included in the harmonised standards, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly.

Head of NB

Res.Assoc. Eng. Victoria Vassileva Ph.D.

General Manager of NISI

Maya Koseva



SOFIA, 06.04.2021

There are three Annexes of this Certificate that are integrant.

**TRADE NAMES AND PERFORMANCE OF ESSENTIAL CHARACTERISTICS OF
ADMIXTURES FOR CONCRETE**

Table 1

Trade name of admixture	Information on essential characteristics		
	Type of admixture and code according to EN 934-2:2009+A1:2012	Declared values about content of:	Corrosion behavior
FLUIDING	Plasticizing admixture EN 934-2: T2	chlorides $\leq 0,1\%$ alkali $\leq 6,0\%$	Contains thiocyanates from Declared list of EN 934-1:2008, Annex A.2
FLUIDING M	Plasticizing/set retarding admixture EN 934-2: T10	chlorides $\leq 0,1\%$ alkali $\leq 4,5\%$	Contains components only from Approved list of EN 934-1:2008, Annex A.1
FLUIDING M1M	Plasticizing/set retarding admixture EN 934-2: T10	chlorides $\leq 0,1\%$ alkali $\leq 5,5\%$	
SUPERFLUID	Super plasticizing admixture EN 934-2: T3.1/ 3.2	chlorides $\leq 0,1\%$ alkali $\leq 6,5\%$	
SUPERFLUID T	Hardening accelerating admixture EN 934-2: T7	chlorides $\leq 0,1\%$ alkali $\leq 5,5\%$	
SUPERFLUID M1	Super plasticizing/set retarding admixture EN 934-2: T11.1/11.2	chlorides $\leq 0,1\%$ alkali $6,5\%$	
SUPERFLUID M1M	Super plasticizing/set retarding admixture EN 934-2: T11.1/11.2	chlorides $\leq 0,1\%$ alkali $6,5\%$	
SUPERFLUID 21 EKO	Super plasticizing EN 934-2: T3.1/3.2	chlorides $\leq 0,1\%$ alkali $2,0\%$	
SUPERFLUID 21M EKO	Super plasticizing/set retarding admixture EN 934-2: T11.1/11.2	chlorides $\leq 0,1\%$ alkali $2,0\%$	
SUPERFLUID 21M1M	Super plasticizing/set retarding admixture EN 934-2: T11.1/11.2	chlorides $\leq 0,1\%$ alkali $\leq 2,0\%$	
SUPERFLUID 21M1M EKO	Super plasticizing/set retarding admixture EN 934-2: T11.1/11.2	chlorides $\leq 0,1\%$ alkali $\leq 2,0\%$	
SUPERFLUID 21F	Hardening accelerating admixture EN 934-2: T7	chlorides $\leq 0,1\%$ alkali $\leq 2,0\%$	
SUPERFLUID 21MS EKO	Super plasticizing/set retarding admixture EN 934-2: T11.1/11.2	chlorides $\leq 0,1\%$ alkali $\leq 2,0\%$	

Table 1 continues



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ANNEX 1 (Page 2 of 2)

CERTIFICATE

of conformity of the factory production control

Nº 2032-CPR-08.40E

Issued on 06.04.2021, SOFIA

Table 1 continued

Trade name of admixture	Information on essential characteristics		
	Type of admixture and code according to EN 934-2:2009+A1:2012	Declared values about content of:	Corrosion behavior
POROCINTEL	Air entraining admixture EN 934-2: T5	chlorides $\leq 0,1\%$ alkali $\leq 2,0 \%$	Contains components only from Approved list of EN 934-1:2008, Annex A.1
HIDROFOB FLUID	Water resisting admixture EN 934-2: T9	chlorides $\leq 0,1\%$ alkali $\leq 4,0 \%$	
HIDROFOB T	Water resisting admixture EN 934-2: T9	chlorides $\leq 0,1\%$ alkali $\leq 2,0 \%$	
HIDROFOB 21	Water resisting admixture EN 934-2: T9	chlorides $\leq 0,1\%$ alkali $\leq 2,0 \%$	
USPORUVAC D2	Set retarding admixture EN 934-2: T8	chlorides $\leq 0,1\%$ alkali $\leq 4,0 \%$	
ADINGPAVER	Plasticizing admixture EN 934-2: T2	chlorides $\leq 0,1\%$ alkali $\leq 0,5 \%$	
KOMPLEKSING S	Viscosity modifying admixture EN 934-2: T13	chlorides $\leq 0,1\%$ alkali $\leq 0,5 \%$	
HIDROFOB KRISTAL	Water resisting admixture EN 934-2: T9	chlorides $\leq 0,1\%$ alkali $\leq 23,0 \%$	Contains nitrates from Declared list of EN 934-1:2008, Annex A.2
HIDROZIM FLUID	Plasticizing admixture/set accelerating EN 934-2: T12	chlorides $\leq 0,1\%$ alkali $\leq 1,0 \%$	
HIDROZIM T	Set accelerating admixture EN 934-2: T6	chlorides $\leq 0,1\%$ alkali $\leq 2,0 \%$	

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**TRADE NAMES AND PERFORMANCE OF ESSENTIAL CHARACTERISTICS OF
ADMIXTURES FOR MASONRY MORTAR**

Table 2

Trade name of admixture	Information on essential characteristics		
	Type of admixture and code according to EN 934-3:2009+A1:2012	Declared values about content of:	Corrosion behavior
POROMEL U	Air entraining/plasticizing admixture EN 934-3: T2	chlorides $\leq 0,1\%$ alkali $\leq 2,0 \%$	Contains components only from Approved list of EN 934-1:2008, Annex A.1

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TRADE NAMES AND PERFORMANCE OF ESSENTIAL CHARACTERISTICS OF ADMIXTURES FOR SPRAYED CONCRETE

Table 3

Trade name of admixture	Information on essential characteristics		
	Type of admixture and code according to EN 934-5:2007	Declared values about content of:	Corrosion behavior
INGUNIT T	Sprayed concrete set acceleration admixture EN 934-5: T2	chlorides $\leq 0,1\%$ alkali $\leq 25,0 \%$	Contains components only from Approved list of EN 934-1:2008, Annex A.1
INGUNIT T EKO	Sprayed concrete non-alkaline set acceleration admixture EN 934-5: T2	chlorides $\leq 0,1\%$ alkali $\leq 1,0 \%$	
INGUNIT TS EKO	Sprayed concrete non-alkaline set acceleration admixture EN 934-5: T2	chlorides $\leq 0,1\%$ alkali $\leq 1,0 \%$	
INGUNIT P	Sprayed concrete non-alkaline set acceleration admixture EN 934-5: T2	chlorides $\leq 0,1\%$ alkali $\leq 1,0 \%$	

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