



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 CONSTANCY OF PERFORMANCE

No 2032-CPR-19.98A

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 product

PORTLAND CEMENT CEM I 52,5 N

for production of concrete, mortars and others

placed on the market by

ZLATNA PANEGA CEMENT AD
1, Shipka str., Zlatna Panega, Lovech district

and produced in the factory of

ZLATNA PANEGA CEMENT AD
Zlatna Panega, Lovech district

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

EN 197-1:2011

***under system 1+ are applied and that
the product fulfils all the prescribed requirements set out above.***

This certificate repeals and replaces the Certificate No. 2032-CPR-19.98 that was first issued on 10.07.2019 and will remain valid until 09.07.2025 provided that neither the harmonized standard, the construction products, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified certification body.

ENG. VICTORIA VASSILEVA Ph.D.
HEAD OF NOTIFIED BODY

MAYA KOSEVA
GENERAL MANAGER OF NISI



SOFIA, 10.07.2022

There is an Annex of 1 page to the certificate, which is an integral part of it.



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ANNEX

CERTIFICATE

OF CONSTANCY OF PERFORMANCE

№ 2032-CPR-19.98A

Issued on 10.07.2022, SOFIA

**NATIONAL REQUIREMENTS
OF PERFORMANCE OF
PORTLAND CEMENT
CEM I 52,5 N**

according to **BDS EN 197-1:2011/NA 2013**

No	Essential characteristic	Performance	Test method
1.	Compressive strength - Early strength (2 days), MPa - Standard strength (28 days), MPa	≥ 20 $\geq 52,5$	BDS EN 196-1
2.	Initial setting time, min	≥ 45	BDS EN 196-3
3.	Residue insoluble, %	$\leq 5,0$	BDS EN 196-2
4.	Loss of ignition, %	$\leq 5,0$	BDS EN 196-2
5.	Soundness – expansion, mm	≤ 10	BDS EN 196-3
6.	Sulphate content (as SO_3), as percentage by mass	$\leq 4,0$	BDS EN 196-2
7.	Chloride content, as percentage by mass	$\leq 0,10$	BDS EN 196-2
8.	Release of dangerous substances- water-soluble chromium (VI) content, % of the total dry weight of the cement	$\leq 0,0002$	BDS EN 196-10

ENG. VICTORIA VASSILEVA Ph.D.
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GENERAL MANAGER OF NIS

