

Notified Body pursuant to the Construction Products Regulation
Permission № CPR-26-NB2765/03.05.2018 of
Ministry of Regional Development and Public Works

Certificate of Constancy of Performance № 2765-CPR-0114

In compliance with Regulation (EU) № 305/2011 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

Cement

Products: Portland Cement EN 197-1 CEM I 42.5 R
Portland-Pozzolana Cement EN 197-1 CEM II/A-P 42.5 N
Portland-Pozzolana Cement EN 197-1 CEM II/B-P 32.5 N
Blast Furnace Cement EN 197-1 CEM III/A 42.5 N

Intended use: Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products
(the characteristics and the performances are described in Annex I which is an inseparable part of this certificate)

placed on the market under the name of

GUINEE INDUSTRIES CIMENTS
Kissosso, Mototo, BP 3835, Conakry – Guinee

and produced in the manufacturing plant

GUINEE INDUSTRIES CIMENTS
Kagbelen, Commune de Dubreka,Guinee Conakry BP 3835

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+ for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the
constancy of performance of the construction product

This certificate was first issued on 27.02.2019 and will remain valid until 04.04.2025 or neither the harmonised standard, the construction product, the assessment and verification of constancy of performance methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

04.04.2024

Manager of SZUTEST Ltd

Asen Hristov

The validity of certificate can be traced on <http://public.szutest.com.tr/Certificate/Index>

The certificate will be reissued each year after annual surveillance audit



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Annex I

Products: Portland cement EN 197-1 CEM I 42.5 R; Portland-pozzolana cement EN 197-1 CEM II/A-P 42.5 N; Portland-pozzolana cement EN 197-1 CEM II/B-P 32.5 N; Blast furnace cement EN 197-1 CEM III/A 42.5 N

Intended use: Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products

Performance Characteristics:

Essential Characteristics	Performance				Harmonized standard
	CEM I 42.5 R	CEM II/A-P 42.5 N	CEM II/B-P 32.5 N	CEM III/A 42.5 N	
Common cements (Subfamilies) constituents and composition					EN 197-1:2011
Early Compressive strength					
- 2 day	22.8 MPa	20.0 MPa	14.0 MPa	19.0 MPa	
- 7 day	36.0 MPa	31.2 MPa	23.0 MPa	33.4 MPa	
Standard Compressive strength					
- 28 day	45.3 MPa	43.5 MPa	35.0 MPa	45.0 MPa	
Setting time					
- initial	215 min	260 min	265 min	255 min	
- final	260 min	295 min	310 min	290 min	
Insoluble residue	3.94 %	15.60 %	Min 14.26 %	3.56 %	
SO ₃ content	3.4 %	2.5 %	1.61 %	1.84 %	
Loss on ignition	3.14 %	2.19 %	2.22 %	2.12%	
Soundness(expansion)	1.0 mm	1.0 mm	1.0 mm	1.0 mm	
Heat of hydration					
- 41 hour	260.1 J/g	260.6 J/g	228.6 J/g	249.1 J/g	
Chloride content	0.0843 %	0.0750 %	0.0800 %	0.0736 %	
Pozzolanicity (for pozzolanic cement only)	N/A	N/A	N/A	N/A	
Durability	NPD	NPD	NPD	NPD	
C ₃ A in clinker	N/A	N/A	N/A	N/A	
Release of dangerous substances	NPD	NPD	NPD	NPD	

Placed on the market by: GUINEE INDUSTRIES CIMENTIS

Produced in the manufacturing plant: Kagbelen, Commune de Dubreka, Guinee Conakry BP 3835

04.04.2024

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