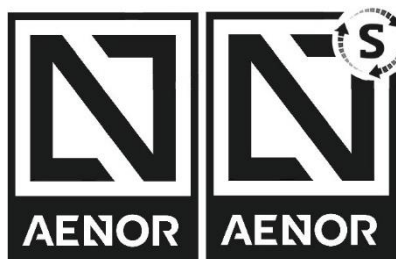




Certificate of AENOR Mark N and Sustainable AENOR Mark N



015/002241

AENOR certifies that the organization

HEIDELBERG MATERIALS HISPANIA CEMENTOS, S.A.

registered office CALLE CARDENAL MARCELO SPINOLA, 42 1ª PLANTA 28016 MADRID (España)

supplies **Portland-composite cement CEM II/C-M**

in compliance with UNE-EN 197-5:2021
UNE-EN 196-10:2016 ANEXO A

Type of cement CEM II/C-M (V-L) 32,5 R UNE-EN 197-1:2011
Cr (VI) content ≤0,0002 % Rgl. (CE) 1907/2006

Production site BO DE ARANE, S/N 48480 ARRIGORRIAGA (Bizkaia - España)

Certification scheme In order to grant this Certificate, as established in Specific Rules RP 15.01, AENOR has evaluated the cement through tests and verified the quality system and production control. For the granting of the Ns Mark, the social, economic and environmental aspects of sustainability have also been evaluated according to the criteria defined in section 4 of the same Specific Rules for the verification of the sustainability indices declared by the manufacturer.

First issued on 2023-06-23
Last issued on 2024-09-27
Validity 2028-06-23

Rafael GARCÍA MEIRO
CEO



The AENOR N Sustainable Mark is
outside the scope of accreditation



AENOR CONFÍA S.A.U.
Génova, 6. 28004 Madrid. España
Tel. 91 432 60 00.- www.aenor.com



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Annex to Certificate

AENOR declares that the cement indicated in the certificate complies with all the provisions relating to conformity assessment described, among others, in the UNE-EN 197-1 or UNE-EN 197-5 standard, in the UNE-EN 197-2 standard and in the Specific Rules RP 15.01. The granting of the certificate is based on the initial type testing of the product, an initial inspection of the factory and production control, as well as an audit of the quality system carried out by AENOR. In addition, AENOR carries out permanent surveillance through periodic inspections and audits and the conformity assessment of the results of production control and tests of contrast samples taken at the factory.

In accordance with the aforementioned reference standards and the Specific Rules of the N Mark for cements, RP 15.01, AENOR certifies that:

- 1 This cement meets all the specifications that are applicable to it based on the statistical evaluation of self-control carried out monthly, quarterly and semi-annually.
- 2 The factory's quality system, based on the EN ISO 9001 standard, complies with the organisation's requirements described throughout the Particular Regulations.
- 3 The system used by the manufacturer for the supply of the product guarantees compliance with the specific requirements on the loading, dispatch and transport of cement, both in the factory and at the points of dispatch, to ensure its traceability and integrity to the place of delivery, maintaining the characteristics according to which it was certified.
- 4 Regarding the content of water-soluble chromium (VI), in accordance with the requirements established in Regulation (EC) No. 1907/2006, AENOR verifies that the cement complies with the requirements.
- 5 Periodic tests are carried out on the composition of the cement to check compliance with the reference standards and its adjustment ($\pm 5\%$) to what is declared by the manufacturer. The conformity of the raw materials used is also checked.
- 6 The cement is subject to a control plan in the market to verify that the characteristics with which it has been certified are maintained.
- 7 The differences between the manufacturer's self-monitoring laboratory and the accredited verification laboratory in accordance with the EN ISO/IEC 17025 standard are verified by means of the ABBE criterion.
- 8 The increase in the guarantee for the cement user with the reduction of the risk to the consumer, due to the higher requirements of the N Mark, in which the application of additional criteria is included in addition to a greater and additional frequency in the control plan.
- 9 For the N^S Mark, the social, economic and environmental aspects of sustainability have been adequately assessed in accordance with Annex 2 of the Structural Code approved by Royal Decree 470/2021, in addition to the recycled content used by the calculation methodology of the GCA guide (GCCA Sustainability Guidelines for co-processing fuels and raw materials in cement manufacturing November 2018).

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