

DECLARATION OF PERFORMANCE

1111-DoP-NO11-0414

1. Unique identification code of the product-type

Portland-fly ash cement EN 197-1 - CEM II/A-V 42,5 N

2.Identification of the construction product as required under Article 11(4) in CPR

Norcem Anleggsement FA- Brevik

3.Intended use of the construction product, in accordance with the applicable harmonised technical spesification, as foreseen by the manufacturer

Concrete, mortar, grout etc

4.Producer

Norcem AS, P.b. 143 Lilleaker, 0216 Oslo

6.System of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V

System 1+

7.In case of the declaration of performance cocerning a construction product covered by a harmonised standard

Notified product certification body No. 1111 (Kontrollrådet), performed the determination of the product-type on the basis of type testing (including sampling), the initial inspection of the manufacturing plant and of factory production control, the continuous surveillance, assessment and evaluation of factory production control and the audit-testing of samples taken before placing the product on the market under system 1+ and issued the certificate of constancy of performance (No. 1111-CPD-0414).

| 8. Declared performance | | |
|---|-------------|------------------------------------|
| Essential characteristics | Performance | Harmonised technical spesification |
| Common cements (subfamilies) constituents and composition | CEM II/A-V | NS-EN 197-1:2011 |
| Compressive strength (early and standard) | 42,5 N | |
| Setting time | Pass | |
| Insoluble residue | No demand | |
| Loss on ignition | No demand | |
| Soundness — Expansion — SO₃ content | Pass | |
| Chloride content | Pass | |
| C ₃ A in clinker | No demand | |

Additional information is available on http://www.norcem.no

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Gunnar Syvertsen Adm direktør

Human

Oslo, Oct 7, 2014