

# DECLARATION OF PERFORMANCE

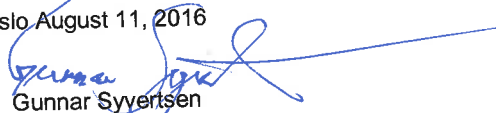
1111-DoP-NO11-0415

1.Unique identification code of the product-type		
Portland cement EN 197-1 - CEM I 52,5 R		
2.Identification of the construction product as required under Article 11(4) in CPR		
<b>Norcem Industrisement- Brevik</b>		
3.Intended use of the construction product, in accordance with the applicable harmonised technical specification, 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 concerning 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-CPR-0415).		
8. Declared performance		
Essential characteristics	Performance	Harmonised technical specification
Common cements (subfamilies) constituents and composition	CEM I	NS-EN 197-1:2011
Compressive strength (early and standard)	52,5 R	
Setting time	Pass	
Insoluble residue	Pass	
Loss on ignition	Pass	
Soundness - Expansion - SO <sub>3</sub> content	Pass	
Chloride content	Pass	
C <sub>3</sub> 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.

Oslo August 11, 2016

  
Gunnar Syvertsen  
Adm direktør