

## DECLARATION OF PERFORMANCE

Nr. 01 / August 2014

1. Product-type:

**Portland Cement EN 197-1**

2. Product-identification:

**AALBORG WHITE® cement**

**Portland Cement CEM I 52,5 R - SR5**

3. The intended use(s) of the construction product:

Used in the preparation of concrete and mortar etc.

4. Name and adress of the manufacturer:

Aalborg Portland A/S, Rørdalsvej 44, 9100 Aalborg, Denmark

5. Name and adress of the authorised representative:

Not relevant

6. System or systems for assessment and verification of constancy of performance of the product (AVCP):

System 1+

7. Notified body:

Bureau Veritas Certification,  
Identification number: 0615 - has performed

Classification of product types based on testing, sampling and initial inspection of the factory production control, ongoing monitoring, compliance and evaluation of the factory's production control and issued the certificate of conformity / declaration of performance.

Latest update: 2014-07-30



**8. Declared performance**

The cement complies with all requirements according to EN 197-1 for Portland Cement CEM I 52,5 R - SR5.

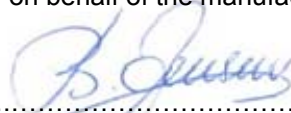
Essential characteristics	Performance	Requirements in EN 197-1
1 day strength	19 - 25 MPa	None
2 days strength	37 - 45 MPa	≥ 30 MPa
7 days strength	53 - 65 MPa	None
28 days strength	66 - 76 MPa	≥ 52.5 MPa
Initial setting time	110 - 160 min	≥ 45 min
Loss on ignition	≤ 2 %	≤ 5.0 %
Insoluble residue	≤ 0.3 %	≤ 5.0 %
Sulphate content SO <sub>3</sub>	1.8 - 2.3 %	≤ 3.5 %
Chloride	≤ 0.04 %	≤ 0.10 %
Alkali content	≤ 0.3 %	None
Water soluble chromate	≤ 2 mg/kg	≤ 2 mg/kg <i>(Claims in EU Directive 2003/53/EC)</i>
Y-Reflection, (DIN 5033)	85 - 89.5 %	None
Specific density	3090 - 3190 kg/m <sup>3</sup>	None

**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.

**Aalborg, 1. August 2014**

Signed for and on behalf of the manufacturer by:



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 Birgit Jensen, Quality & Occupational Safety and Health Manager,  
 Aalborg Portland A/S

Latest update: 2014-07-30

