



**Declaration of performance
(according annex III of EC 305/2011 (CPR))**

No. 1077 – CPR – 43802101

1. Unique identification code of the product type:

Bottom ash as lightweight aggregate according to EN 13055-1

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Grobalith® WH

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Bottom ash as lightweight aggregate for use in concrete, mortar and grouts

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

BauMineral GmbH, Hiberniastraße 12, D-45699 Herten

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

7. The notified production control certification body

ibac - Institut für Bauforschung der RWTH Aachen, 1077

has issued the

Certificate of constancy of performance

No. 1077 – CPR – 43802101

of the factory production control on the basis of the initial inspection of the manufacturing plant, the factory production control and the continuous surveillance, assessment and evaluation of the factory production control.



8. Declared performance

Essential characteristic	Performance	Harmonised technical specification
Particle shape	NPD	DIN EN 13055-1
Particle size	0/16 mm	
Fines	≤ 10 % by mass	
Percentage of crushed particles	NPD	
Loose bulk density	≤ 800 kg/m ³	
Particle density, dry	1200 kg/m ³ ± 15 %	
Crushing resistance (mortar compressive strength)	25 N/mm ² ± 15 %	
Water absorption	30 % by mass ± 15 %	
Composition/Content		
- Chloride	≤ 0,04 % by mass	
- Acid soluble sulphate	≤ 1 % by mass	
- Total sulphur	≤ 1 % by mass	
- Loss on ignition	≤ 5 % by mass	
- Organic contaminators	NPD	
Volume stability	NPD	
Freezing and thawing resistance	NPD	
Alkali-silica reactivity	NPD	
Release of dangerous substances and emission of radioactivity	NPD	

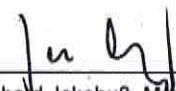
No information according article 31 REACH necessary. The product is registered and has no hazardous properties according CLP.

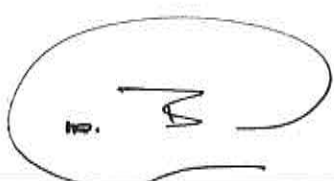
9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Herten, 05.01.2016


Burkhard Jakobi, Managing Director


Dirk Brandenburger, Authorized Officer