



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

No. 1077 - CPR - 42606101

1. Unique identification code of the product type:

Fly ash for concrete according to EN 450-1

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

EFA-Füller® BF 1

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

Addition for production of concrete conforming to EN 206-1 and for use in 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:

Systeme 1+

7. The notified product certification body

ibac - Institut für Bauforschung der RWTH Aachen, 1077

has prepared the

Certificate of constancy of performance

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based on 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 audit-testing of samples taken before placing the product on the market.



8. Declared performance

Essential characteristic	Performance	Harmonised technical specification
Activity index	pass	EN 450-1:2012
Fineness Percentage > 0,045 mm	categorie N 11 to 31 % by mass	
Soundness - Expansion - Free CaO	pass pass	
Loss on ignition	categorie A	
Composition: - Sum of contents of silicon dioxide, aluminium oxide and iron oxides - Total content of alkalis - Reactive silicon dioxide content - Sulphate content - Chloride content - Reactive calcium oxide content - Magnesium oxide content - Soluble phosphate content - Total phosphat content	pass pass pass pass pass pass pass pass pass	
Particle density	2100 to 2500 kg/m ³	
Initial setting time	pass	
Water requirement	pass	
Durability	given	
Release of dangerous substances and emissions of radioactivity	safe according certificate Z-3.31-1713	

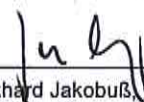
No information according article 31 REACH necessary. The product is registered and has no hazardous properties according CLP.

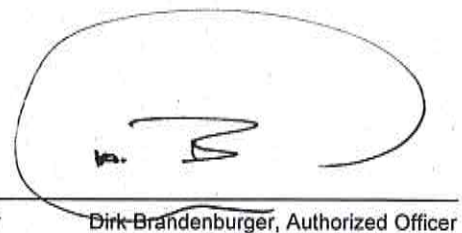
9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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 Jakobuß, Managing Director


Dirk Brandenburger, Authorized Officer