

Declaration of Performance



pursuant to Annex III of Regulation (EU) No. 305/2011

No. 0432-CPR-00045-01

- 1 Identification code Fly ash for concrete to DIN EN 450-1
- 2 Type designation **Moorment**
- 3 Intended use Additive for the manufacture of concrete
- 4 Manufacturer Vattenfall Heizkraftwerk Moorburg GmbH
Moorburger Schanze 2
D-21079 Hamburg / Germany
- 5 Authorized representative N/A
- 6 System of assessment System 1+
- 7 Declaration of performance The notified body Materialprüfungsamt Nordrhein-Westfalen (NB 0432) has performed the
 - determination of the product type on the basis of a type test (including sampling),
 - initial inspection of the plant and the factory production control,
 - continuing surveillance, assessment and evaluation of the factory production control, and
 - random sample testing of samples taken before the product was put on the market
 in accordance with System 1+, and has issued the certificate of constancy of performance no. 0432-CPR-00045-01.

8 Declared performance	Essential characteristic	Performance	Harmonized technical specification
	Activity index	Passed	EN 450-1: 2012
	Fineness	Category N 15–35 % by mass	
	Soundness <ul style="list-style-type: none"> • Expansion • Free CaO 	Passed Passed	
	Loss on ignition	Category A	
	Composition <ul style="list-style-type: none"> • Total content of silicon dioxide, aluminium oxide and iron oxide • Total content of alkalis • Reactive silicon oxide • Sulphate content • Chloride • Reactive calcium oxide • Magnesium oxide • Soluble phosphate • Total phosphate content 	Passed Passed Passed Passed Passed Passed Passed Passed	
	Particle density	2.070 – 2.470 kg/m ³	
	Initial setting time	Passed	
	Durability	Given	
	Dangerous substances and emission of radioactivity	Harmless as per Z-3.31-2088	

- 9 Responsibility No data required under Article 31 of REACH. The product is registered and does not have any hazardous properties under CLP regulations.
The performance of the product identified in nos. 1 and 2 is in conformity with the declared performance in no. 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in no. 4.

Signed for and on behalf of the manufacturer by:

Hamburg, 15.02.2017


Dr. Karsten Schneiker, Head of Moorburg Power Plant