DECLARATION OF PERFORMANCE

NO. KWBFH-K400NF-002

Feldhaus Klinker
WIR GEHÖREN ZUM GUTEN TON.

01. Unique identification code of the product-type
HD-Facing bricks category I,
240 x 115 x 71 mm

02. Item number
K400NF

03. Intended use
For structural or non-structural elements in unprotected or protected masonry

04. Manufacturer
Klinkerwerk B. Feldhaus GmbH & Co.
Nordring 1, 49196 Bad Laer, Germany

05. Not applicable

06. System 2+

07. The notified body for the factory production control CERT Baustoffe GmbH, Lübsche Straße 109, 23966 Wismar, Germany, no. 2510 has performed the initial inspection of the factory and the factory production control as well as the continuous monitoring, evaluation and assessment of the factory production control and issued the certificate of conformity of the factory production control No. 2510-CPR-330.

08. Not applicable

09. Declared performance

Essential characteristics			Performance	Harmonised technical specification
Work size	Length/Width/Height [mm]		240/115/71	EN 771-1:2011
Limit deviations	Mean value	Class	T_m	
		Length	-10 mm, + 5 mm	
		Width	± 5 mm	
		Height	± 3 mm	
	Dimensional range	Class	R_m	
		Length	10 mm	
		Width	6 mm	
		Height	4 mm	
Shape according to para. 5.3.2			c)	
Compressive strength	Category		I	
	Mean value [N/mm²]		≥ 44	
	Stress direction		perpendicular to the bed joint	
Common hygroexpansivity			NPD	
Compound strength [N/mm²]			Tabulated value according to annex C	EN 998:2010
Content of active soluble salts	Class		S2	EN 771-1:2011
Reaction to fire	Euroclass		A1	
Water absorption [Mass-%]			≤ 6	
Water vapour permeability μ			50/100	EN 1745:2012
Gross dry density	Mean value [kg/m³]		1550	EN 771-1:2011
	Deviation class		D2	
	Form, shape, measurements and tolerances		see above	
Net dry density	Mean value [kg/m³]		2350	
	Deviation class		D2	
Thermal conductivity [W/(m·K)]			NPD	
Durability	Class		F2	
Hazardous substances			annex ZA 3	

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

Bad Laer: March 3, 2014

Klinkerwerk B. Feldhaus GmbH & Co.

Bernhard Feldhaus, Managing Director