

DECLARATION OF PERFORMANCE



NO. KWBFH-K508DF-001

01. Unique identification code of the product type
U-Facing bricks category I,
KWBFH-K508DF-001

02. Intended use
For exposed masonry in a highly corrosive
environment.

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

04. Not applicable

05. System for the assessment and verification
of performance
System 2+

06. Harmonized standard
EN 771-1 + A1: 2015

Notified body
NB 2510

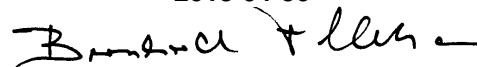
07. Declared performance

Essential characteristics		Performance	Harmonised technical specification	
Work size	Length/Width/Height [mm]	240/115/52	EN 771-1:2011 + A1: 2015	
Limit deviations	Mean value	Class		T_m
		Length		-10, + 5
		Width		± 5
		Height		± 2
	Dimensional range	Class		R_m
		Length		10
		Width		6
	Height	3		
Shape according to paragraph 5.3.2		c)		
Compressive strength	Category	I		
	Mean value [N/mm ²]	≥ 44		
	Stress direction	perpendicular to the bed joint		
Common hygroexpansivity		NPD		
Compound strength [N/mm ²]		NPD	EN 998	
Content of active soluble salts	Class	S2	EN 771-1:2011 + A1: 2015	
Reaction to fire	Euro class	A1		
Water absorption [Mass-%]		≤ 6		
Water vapour permeability μ		50/100	EN 1745:2012	
Gross dry density	Mean value [kg/m ³]	1.510	EN 771-1:2011	
	Deviation class	D2		
	Form, shape, measurements and tolerances	see above		
Net dry density	Mean value [kg/m ³]	2.350		
	Deviation class	D2		
Thermal conductivity [W/(m·K)]		NPD	EN 1745: 2012	
Durability	Class	F2	DIN V 52252-3	
Hazardous substances		according to annex ZA 3	EN 771-1:2011 + A1: 2015	

08. Not applicable

The performance of the above product corresponds to the declared performance. The above manufacturer is solely responsible for the preparation of the service declaration in accordance with Regulation (EU) No 305/2011.
Signed for the manufacturer and on behalf of the manufacturer:

Bad Laer: 2018-04-30


Bernhard Feldhaus, Managing Director

