

DECLARATION OF PERFORMANCE

Nr. CKK- vHLZ/B/WDF UK-14A005

1. Identification Codes of Product Types: HD – Building bricks , Category I, 215x102.5x65
2. Article / Article Number
vHLzB 28 – 1,6 WDF- Brown
3. Intended Use: For load-bearing or non-loadbearing elements in unprotected or protected masonry
4. Manufacturer:
Klinkerwerk Küsters GmbH & Co. KG
Steinstraße 45
47533 Kleve
Germany
5. Not Applicable
6. System 2+
7. The notified body number 0854, the initial inspection of the manufacturer's premises and of factory production control and ongoing monitoring, assessment and evaluation of the factory production control according to System 2 and the certificate of conformity No. 0854-CPD-045 issued
8. Not Applicable

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9. Declared Performance

Main Features		Performance	Harmonised Technical Specification
Dimensions	Length/Depth/Height [mm]:	215/102.5/65	EN 771-1:2011
Dimensional Limits	Mean	T1	EN 14411: 2012
	Range	R1	
Form and shape Abs.5.3.2		Form c)	
Compressive Strength	Category	I	
	Mean [N/mm ²]	≥ 45	
	Load direction	Perpendicular to load joint	
Usual Moisture Led Expansion		Not determined	
Bond Strength Tabulated Value Following Annex C		0,15	EN 998-2:2010
Content of active soluble salts		Class S2	EN 771-1:2011
Fire Reaction		Euroclass A1	
Water absorption (%)		≤ 10	EN 771-1:2011
Water vapour permeability μ		50/100	EN 1745:2012
Gross Dry Raw Density	Mean [kg/m ³]	1500	EN 771-1:2011
	Deviation	D1 (10%)	
	Form, Shape, Dimensions and dimensional limits	See above	
Net Dry Raw Density	Mean [kg/m ³]	1900	
	Deviation	D1 (10%)	
Thermal Conductivity (W/mK)		Not determined	
Durability/Frost resistance		F2	
Hazardous Substances		Follow ZA.3	

10. The performance of products according to N^o1 and 2 corresponds to the stated performance N^o 9. Responsibility for the declaration of performance rests only the manufacturer in indicated in N^o 4.

Signed for and on behalf of the manufacturer:

Kleve, 14.02.2014

Michael Hegholtz, Managing Director