

DECLARATION OF PERFORMANCE

Nr. CKK- vHLZ/B/WDF-22A005

1. Identification Codes of Product Types:
U – Building bricks , Category I, 215x102.5x65
2. Article / Article Number
vHLzB 28 – 1,6 WDF / UK - 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



www.celina-klinker.de

9. Declared Performance

Main Features		Performance	Harmonised Technical Specification
Dimensions	Length/Depth/Height [mm]:	215/102.5/65	EN 771-1:2011+A1:2015
Dimensional Limits	Mean	T1	
	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 998-2:2017
Content of active soluble salts		Class S2	EN 771-1:2011+A1:2015
Fire Reaction		Euroclass A1	
Water absorption (%)		≤ 10	EN 771-1:2011+A1:2015
Water vapour permeability μ		50/100	EN 1745:2020
Gross Dry Raw Density	Mean [kg/m ³]	1500	EN 771-1:2011+A1:2015
	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, 13.07.2022

Michael Hegholtz, Managing Director



Klinkerwerke Küsters GmbH & Co.KG Steinstraße 45 47533 Kleve 22			
0854-CPD-045			
EN 771-1: 2011+A1:2015			
U – Building bricks , Category I, 215x102.5x65			
For load-bearing or non-loadbearing elements in unprotected or protected masonry			
CKK- vHLZ/B/WDF UK-22A005			
Dimensional Limits	Mean	class T1 according	length ± 6
		EN 771-1: 2011+A1:2015	width ± 4
		[mm]	height ± 3
	Range	class R1 according	length 9
EN 771-1: 2011+A1:2015		width 6	
[mm]		height 5	
Form and shape Abs.5.3.2	Form c) Abs.5.3.2 EN 771-1		
Compressive Strength Perpendicular to load joint	[N/mm ²]	≥ 45	
Bond Strength Tabulated Value Following Annex C - DIN EN 998-2	[N/mm ²]	0,15	
Content of active soluble salts	class	S2	
Fire Reaction	Euroclass	A1	
Water absorption	[Masse-%]	≤ 10	
Water vapour permeability	μ	50/100	
Gross Dry Raw Density (mean)	[kg/m ³]	1500	
	Deviation	D1 (10%)	
Net Dry Raw Density (mean)	[kg/m ³]	1900	
	Deviation	D1 (10%)	
Durability/Frost resistance	F2		
Hazardous Substances	Follow ZA.3		

Additional voluntary manufacturer information according to DIN 20401		
Compressive Strength Class	28	
Raw Density Class	1,6	
Content of active soluble salts	S3	
Facebrick description	vHLzB 28 – 1,6 – WDF UK	
Colour of clay	brown	