

<b>Declaration of Performance Nr. 1de 1646ek</b>				
<b>1</b>	Unique identification code of the product type	HD brick category I, 240 x115 x 52 mm		
<b>2</b>	Type-, batch- or serial number or any other element allowing identification of the construction product as required purs. to 11 (4)	Article no. 1646ek DF		
<b>3</b>	Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer	for use in protected or unprotected masonry walls, columns and partitions		
<b>4</b>	Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5)	DEPPE Backstein-Keramik GmbH, Neuenhauser Str. 82, D-49843 Uelsen		
<b>5</b>	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2)	Not applicable		
<b>6</b>	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	2+		
<b>7</b>	The notified testing laboratory CPD 0854 ( Cert Baustoffe GmbH, 23966 Wismar) performed the initial testing, the determination of the product-type on the basis of type testing (based on sample-tests carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product and issued test report no.2510 - CPR - 323.			
<b>8</b>	Not applicable			
<b>9</b>	<b>Declared performance</b>			
	<b>Main features</b>	<b>Declared performance</b>	<b>Harmonised technical specification</b>	
	dimensions [mm]	length/width/height	DIN EN 771-1	
	dimensional tolerances	mean		T1
		range		R1
	shape and formation	Shape c) i.a.w. 5.3.2		
	compressive strength [N/mm <sup>2</sup> ]	category		Category I
		mean		≥ 44
		direction of load		perpendicular to horizontal joint
	moisture movement	NDP		
	bond strength	Tabulated value i.a.w. app. C		DIN EN 998-2
	active soluble salts content	S2		DIN EN 771-1
	reaction to fire	A1		
	water absorption (mass %)	5	DIN EN 771-1	
	water vapour permeability	5/10	DIN EN 1745	
	gross dry density	mean	DIN EN 771-1	
	thermal conductivity	1840 (D2)		
	durability against freeze/thaw: freeze/thaw resistance	NDP		
	durability against freeze/thaw: freeze/thaw resistance	F2		
	dangerous substances	i.a.w. ZA.3		

**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:



Dr. Dirk Deppe, Uelsen, 24.02.2016