SUSSEX HANDMADE BRICKS

Declaration of Performance Number SHB-65-01

- 1. Unique identification of product type: Sussex Handmade, best quality, Category II, HD, 215x102.5x65mm clay masonry units
- 2. Identification of the construction product: **SHB-65-01**
- 3. Intended uses: Unprotected and protected facing masonry walls, columns or partitions
- 4. Manufacturer: Sussex Handmade Bricks Ltd Fourteen Acre Lane, Three Oaks, Guestling Hastings, East Sussex, TN35 4NB
- 5. System of assessment and verification of constancy of performance: System 4
- 6. Declared performance:

Essential characteristics	Performance		Harmonised Technical Specification	
Dimensions and dimensional	215x102.5x65 mm			
tolerance	Tolerance class	T1		
	Range class	R1		
Configuration	Frogged 5–15% voids.			
Compressive strength tested normal to the bed face	10 N/mm ² Category II			
Water absorption	20%		EN 771-1:2013	
Durability against freeze thaw	F2			
Active soluble salts	S2			
Direct airborne sound insulation	Gross density 1500 kg/m ³			
Dimensional stability	NPD			
Dangerous substances	NPD			
Reaction to fire	Class A1		Commission decision 2000/605/EC	
Water vapour permeability	5/10		EN 1745 table value	
Thermal conductivity	0.49 W/mK		EN 1745 table value	
Bond strength	0.15 N/mm ²		Fixed value EN 998-2	

The performance of the products identified in 1 and 2 is in conformity with the declared performance in point 6. 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:

Manager

H. Harrison

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1 September 2015