

SUSSEX HANDMADE BRICKS

Declaration of Performance Number SHB-IMP-01

1. Unique identification of product type: **Sussex Handmade, best quality, Category II, HD, 225x107x67mm clay masonry units**
2. Identification of the construction product: **SHB-IMP-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 tolerance	225x107x67 mm	EN 771-1:2013	
	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%		
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:

H. Harrison Manager



1 September 2015