



Declaration of Performance

1. *Unique identification of product type:*
**50mm Solid Ketley Class A Staffordshire Red Smooth Engineering Brick
Group HD, Category II, 215x102x50mm, Clay Masonry Units**
2. *Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):*
WCR50
3. *Intended use or uses of the construction product in accordance with the applicable harmonised technical specification as foreseen by the manufacturer:*
**Unprotected load bearing or non load bearing masonry structures for building and civil engineering
Suitable for use in facing work**
4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):*
**Ketley Brick Company Ltd, Dreadnought Works, Pensnett,
Brierley Hill, West Midlands. DY5 4TH**
5. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 4
6. *Declared performance:*

Essential Characteristics	Performance	Harmonised Technical Specification
Dimensions and Dimensional Tolerances	Complies Tolerance Class T2 Range Class R1	EN771-1:2011
Configuration	Solid Unit as shown in Figure 3a of EN771-1	EN771-1:2011
Compressive Strength	In Excess of 125 N/mm²	EN771-1:2011
Dimensional Stability	NPD	EN771-1:2011
Bond Strength	0.15 N/mm²	EN771-1:2011
Active Soluble Salts	Class S2	EN771-1:2011
Reaction to Fire	Class A1	Commission Decision 2000/605/EC
Water Absorption	<4.5%	EN771-1:2011
Water Vapour Permeability	NPD	EN771-1:2011
Direct Airborne Sound Insulation	Net Dry Density 2200kg/m³ (Typically)	EN771-1:2011
Thermal Property	NPD	EN771-1:2011
Durability Against Freeze Thaw	F2	EN771-1:2011
Dangerous Substances	NPD	EN771-1:2011

7. *The performance of the product identified in points 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:

Name: *Alex Patrick Smith*

Signed:

Date: 05.12.2017