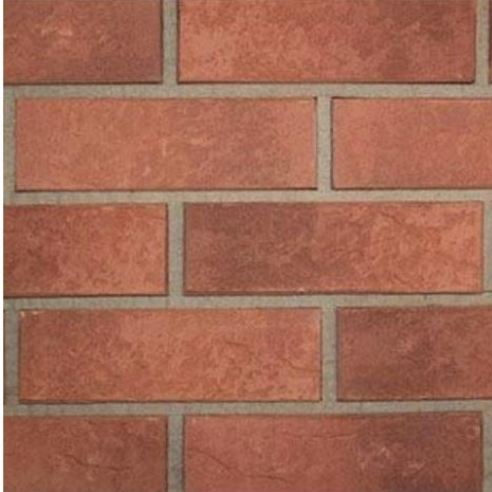


Condition 5: Proposed External brick

RED BRICK SPECS

a) ET CLAY TAKELEY RED WIRECUT FACING BRICK PACK from EU



Primary Colour	Red
Depth	103mm
Height	65mm
Length	215mm
Durability	F2
Active Soluble Salts	S2
Water Absorption	12%
Compressive Strength	25 N/mm2
Brick Importer	ET Clay
Made From	Clay
Process	Extruded
Range Prices	£0.80 – £0.
Texture	Light
Brick Type	Facing

Brick TAKELEY

Vertically perforated brick : 215 x 103 x 65
Quantities/pallets : 520 - 1 040 Kg

Red facing
Catégorie II - U

Evaluation System: 4



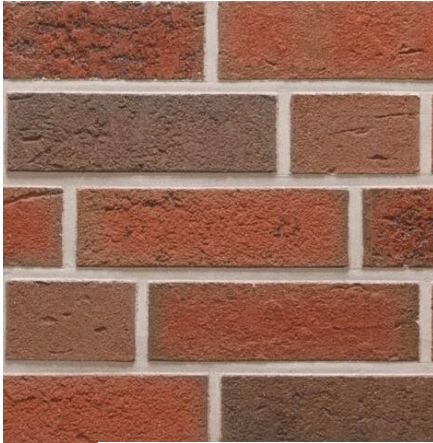
NORME: EN 771-1+A1:2015

Size in mm (L,W,H)	Tolérances	Ranges
Length 215 mm Width 103 mm Height 65 mm	T1	R1

Technical Characteristics	Results
Planéité	NPD
Parallélisme	NPD
Percentage of voids	11%
Average compressive strength to the laying face	25 N/mm ² Class : RC 250 EN 772-1
Moisture expansion	≤ 0,6 mm/m EN 772-19
Bond strength	> 0,15 N/mm ² EN 998-2 Annexe C
Content in active soluble salt	S2 EN 772-5
Reaction to fire	A1 Décision 96/603/CE de la commission , amendée par la décision 2000/605 CE
Water absorption	12%
Diffusion coefficient of water vapour	5/10
Direct airborne sound insulation Catégorie D1	Gross density: 1 350 Kg/m ³ mini 1251 kg/m ³ maxi 2002 kg/m ³ EN 772-13
Thermal conductivity	0,66 W/m.K NFEN1745
Durability against frost and thaw	F2 "Severe exposure" NF EN 772-8

Condition 5: Proposed External brick

b) ET CLAY SINCLAIR RED MULTI WIRECUT FACING BRICK



Primary Colour	Red
Depth	102.5mm
Height	65mm
Length	215mm
Durability	F2
Active Soluble Salts	S2
Water Absorption	6%
Compressive Strength	44N/mm ²
Made From	Clay
Brick Importer	ET Clay
Process	Extruded
Range Prices	£0.70 – £0.79
Texture	Light
Brick Type	Facing

DECLARATION OF PERFORMANCE NO.

KWBFH-K377NF-002- Sinclair Red Multi



1. Unique identification code of the product-type HD-Facing bricks category I,
215 x 102.5 x 65mm
2. Item number
K377NF
3. Intended use
For structural or non-structural elements in unprotected or protected masonry
4. Manufacturer
**Klinkerwerk B. Feldhaus GmbH & Co.
Nordring 1, 49196 Bad Laer, Germany**
5. Not applicable
6. System 2+
7. The notified body for the factory production control CERT Baustoffe GmbH, Lübsche Straße 109, 23966 Wismar, Germany, no. 2510 has performed the initial inspection of the factory and the factory production control as well as the continuous monitoring, evaluation and assessment of the factory production control and issued the certificate of conformity of the factory production control No. 2510-CPR-330.
8. Not applicable

09. Declared performance				
Essential characteristics			Performance	Harmonised technical specification
Work size	Length/Width/Height [mm]		215/102.5/65mm	EN 771-1:2011 + A1/2015
Limit deviations	Mean value	Class	T _s	
		Length	-10 mm, + 5 mm	
		Width	± 5 mm	
		Height	± 3 mm	
Dimensional range	Class	R _s		
		Length	10 mm	
		Width	6 mm	
		Height	4 mm	
Shape according to para. 5.3.2			c)	
Compressive strength	Category		I	
	Mean value [N/mm²]		≥ 44	
	Stress direction		perpendicular to the bed joint	
Common hygroexpansivity			NPD	
Compound strength [N/mm²]			Tabulated value according to annex C	EN 998:2010
Content of active soluble salts	Class		S2	EN 771-1:2011
Reaction to fire	Euroclass		A1	
Water absorption [Mass%]			≤ 6	
Water vapour permeability μ			50/100	EN 1745:2012
Gross dry density	Mean value [kg/m³]		1510	EN 771-1:2011
	Deviation class		D2	
	Form, shape, measurements and tolerances		see above	
Net dry density	Mean value [kg/m³]		2350	
	Deviation class		D2	
Thermal conductivity [W/(m·K)]			NPD	
Durability	Class		F2	
Hazardous substances			annex ZA 3	

Condition 5: Proposed External brick

BLUE BRICK SPEC

A) ET CLAY CONISTON SMOOTH BLUE 65MM BRICK (BLUE COLOUR)



Primary Colour	Blue,
Depth	102mm
Height	65mm
Length	215mm
Durability	F2
Active Soluble Salts	S2
Water Absorption	6%
Compressive Strength	35 N/mm2
Brick Importer	ET Clay
Made From	Clay
Process	Extruded
Range Prices	£1.00 – £1.09
Texture	Smooth
Brick Type	Facing

DECLARATION OF PERFORMANCE
DoP Nr. ABC023016111.1

Unique identification code of the product-type:
brown-Mauerziegel, Category I, 215x102,5x65

Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
KHLzB 28-1,6-215x102,5x65 mm

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Load-bearing and non-load-bearing masonry in a highly corrosive environment

Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
**Klinkerwerk Hörstel, A.Berentelg & Co.KG
Dornierstraße 11, D - 48477 Hörstel**

Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
n.v.

System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 2 +

In case of the declaration of performance concerning a construction product covered by a harmonised standard:
7. The notified body CERT Baustoffe performed under system 2+ the initial inspection of the manufacturing plant and of the factory production control, performed the continuous surveillance, assessment and evaluation on the factory production control and issued the certificate of conformity No. 2510-CPR-313.

In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
n.v.

9. Declared performance

Essential characteristics		Performance	Harmonised technical specification
Dimensions in mm	Length , Width, Height	215/102,5/65	EN 771-1;2011+A1:2015
Limiting dimensions: Average	Category	T2	
	Category	R2	
Shape and design		c Abs.5.3.2	
Pressure resistance vertical to the horizontal joint (MW)	Category	I	
	(N/mm²)	≥ 35	
Übliche Feuchtedehnung		NPD	EN 998-2;2010
Bond strength		Tabular value, Appendix C	
Active soluble salt content	Category	Klasse S2	EN 771-1;2011+A1:2015
Fire behaviour	Category	Euroklasse A1	
Absorption of water w _M -%		≤ 6	
Water impermeability		50/100	
Gross dry density (MW)	kg/m³	1600	EN 771-1;2011+A1:2015
	Tolerances	D2	
	Form, formation, dimensions and tolerances	siehe oben	
Net dry density (MW)	kg/m³	2400	
	Tolerances	D2	
Thermal Conductivity		NPD	EN 1745;2012
Resistance to frost	Category	Klasse F2	EN 771-1;2011+A1:2015
Dangerous substances		nach ZA.3	

10) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by:

Hermann Berentelg
Geschäftsführender Gesellschafter
Hörstel, den 06.07.17

A. Berentelg

Condition 5: Proposed External brick

B) IBSTOCK ATLAS SMOOTH BLUE WIRECUT FACING BRICK (BLUE COLOUR)



Primary Colour	Blue,
Depth	102mm
Length	215mm
Durability	F2~
Active Soluble Salts	S2
Water Absorption	7%
Compressive Strength	75 N/mm2
Height	65mm
Made From	Clay
Manufacturer	Ibstock
Process	Extruded
Range Prices	£1.10 – £1.19
Texture	Smooth
Brick Type	Facing

Product Information

Ibstock Code:	2249
Type:	Wirecut
Facing Description:	Smooth
Dry Brick Weight (kg):	2.4kg
Pack Quantity:	380
Packaging (standard):	Banded (plastic)
Factory:	Lodge Lane

Technical Specification (to BS EN 771-1)

Brick Dimensions (L x W x H mm):	215x102x65
Size Tolerances Mean & Range:	T2 R1
Configuration:	Vertically Perforated
Voids (%):	23-28
Compressive Strength (N/mm²):	75
Active Soluble Salts:	S2
Water Absorption (% weight):	7
Durability:	F2~
Gross Dry Density (Sound Insulation) (Kg/m³):	1650
Equivalent Thermal Conductivity "K" value 5% Exposed:	Refer to Ibstock
Initial Rate of Absorption (Suction Rate) (Kg/m²/min):	Refer to Ibstock
EAN:	5036335031933