





This is to certify that: **Ibstock PLC**

Leicester Road

Ibstock LE67 6HS

United Kingdom

Holds Certificate Number: KM 761759

In respect of:

BS EN 845-2 Ancillary components for masonry - Lintels

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI: Shahm Barhom, Group Product Certification Director

First Issued: 2022-10-07 Effective Date: 2022-10-07 Latest Issue: 2022-10-07

Expiry Date: 2023-10-03

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No. KM 761759

BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

This Certificate covers the following products.

Lintel re	ference:	P100	P150	P220	P255	
Section profile:	Width:	100mm	140mm	215mm	255mm	
prome	Height:	65mm	65mm	65mm	65mm	

		Lintels Types							
		P100		P150		P220		P255	
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load
600	300	39.56	0.39	48.19	0.34	77.46	0.35	89.09	0.34
750	450	25.56	0.61	29.22	0.50	56.24	0.63	64.68	0.61
900	600	15.06	0.76	17.96	0.65	43.63	1.01	46.53	0.91
1050	750	9.89	0.94	12.11	0.82	29.48	1.28	31.43	1.16
1200	900	6.97	1.14	8.69	1.03	21.21	1.59	22.60	1.44
1350	1050	5.16	1.39	6.52	1.26	15.96	1.95	16.99	1.76
1500	1200	3.96	1.66	5.05	1.53	12.42	2.34	31.21	2.12
1650	1350	3.13	1.97	4.02	1.83	9.91	2.79	10.54	2.53

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This Certificate covers the following products.

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Lintel re	ference:	P100	P150	P220	P255
Section profile:	Width:	100mm	140mm	215mm	255mm
profile.	Height:	65mm	65mm	65mm	65mm

					Lintels	Types			
		P100		P150		P220		P255	
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load
1800	1500	2.52	2.32	3.26	2.17	8.08	3.29	8.59	2.98
2100	1800	1.73	3.15	2.25	2.98	5.64	4.45	5.98	4.04
2400	2100	1.24	4.17	1.63	3.98	4.12	5.84	4.36	5.33
2700	2400	0.92	5.41	1.21	5.20	2.85	7.03	3.29	6.88
3000	2700	0.70	6.91	0.92	6.68	2.03	8.41	2.41	8.41
3300	3000	0.54	8.72	0.71	8.46	1.50	10.11	1.78	10.11
3600	3300	0.42	10.87	0.56	10.59	1.13	12.22	1.35	12.22
4200	3900	0.26	16.42	0.34	16.08	0.70	17.92	0.83	17.92

^{*}Maximum service load in kN/m (in addition to self-weight). Safe working loads indicated are based on the clear span plus 150mm of bearing each end.

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^{**} Deflections are based on the safe working load and clear span plus 150mm of bearing each end.

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated online.

No. KM 761759

BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

This Certificate covers the following products.

Lintel reference:		S10	R15	R15A	S15	
Section profile:	Width:	100mm	140mm	100mm	140mm	
prome:	Height:	100mm	100mm	140mm	150mm	

			Lintels Types								
		S10		R15		R15A		S15			
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load		
600	300	53.11	0.14	80.70	0.15	83.25	0.08	112.95	0.06		
750	450	38.56	0.25	58.60	0.28	60.46	0.14	82.01	0.11		
900	600	28.93	0.40	39.87	0.39	47.43	0.24	64.33	0.19		
1050	750	19.54	0.50	26.93	0.49	37.50	0.35	52.89	0.29		
1200	900	14.05	0.62	19.37	0.67	27.00	0.43	44.88	0.42		
1350	1050	10.57	0.76	14.56	0.75	20.34	0.53	38.96	0.58		
1500	1200	8.22	0.92	11.33	0.91	15.84	0.63	34.41	0.79		
1650	1350	6.56	1.10	9.04	1.08	12.67	0.75	30.52	1.02		

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This Certificate covers the following products.

Continued...

Lintel re	ference:	S10	R15	R15A	S15
Section profile:	Width:	100mm	140mm	100mm	140mm
prome.	Height:	100mm	100mm	140mm	150mm

					Lintels	Types			
		S10		R15		R15A		S15	
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load
1800	1500	5.35	1.30	7.36	1.28	10.35	0.88	24.98	1.20
2100	1800	3.72	1.75	5.13	1.73	7.24	1.19	17.57	1.60
2400	2100	2.72	2.31	3.74	2.28	5.32	1.55	12.98	2.07
2700	2400	2.05	2.98	2.82	2.94	4.04	1.98	9.94	2.62
3000	2700	1.59	3.77	2.18	3.73	3.16	2.49	7.82	3.25
3300	3000	1.25	4.71	1.72	4.66	2.51	3.08	6.29	3.97
3600	3300	1.00	5.81	1.37	5.75	2.03	3.76	5.15	4.79
4200	3900	0.66	8.58	0.90	8.50	1.38	5.44	3.58	6.78

^{*}Maximum service load in kN/m (in addition to self-weight). Safe working loads indicated are based on the clear span plus 150mm of bearing each end.

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BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

This Certificate covers the following products.

Lintel re	ference:	R21	R21A	R22	R22A	
Section profile:	Width:	215mm	140mm	215mm	100mm	
prome:	Height:	140mm	215mm	100mm	21500	

					Lintels	Types			
		R21		R21A		R22		R22A	
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load
600	300	164.50	0.07	171.86	0.03	123.23	0.15	134.04	0.04
750	450	119.12	0.13	124.80	0.06	89.49	0.7	97.34	0.06
900	600	93.44	0.22	97.90	0.10	62.09	0.40	76.38	0.11
1050	750	76.83	0.33	80.50	0.15	41.95	0.50	62.81	0.16
1200	900	58.98	0.44	68.32	0.21	30.17	0.62	53.31	0.23
1350	1050	44.42	0.53	59.32	0.30	22.69	0.76	46.29	0.33
1500	1200	34.61	0.64	52.39	0.40	17.64	0.92	37.70	0.41
1650	1350	27.68	0.76	42.00	0.48	14.08	1.10	30.20	0.48

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This Certificate covers the following products.

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Lintel re	ference:	R21	R21A	R22	R22A
Section profile:	Width:	215mm	140mm	215mm	100mm
prome.	Height:	140mm	215mm	100mm	215mm

					Lintels	Types			
		R21		R21A		R22		R22A	
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load
1800	1500	22.61	0.90	34.37	0.56	11.47	1.29	24.71	0.57
2100	1800	15.82	1.21	24.17	0.75	7.99	1.75	17.38	0.75
2400	2100	11.62	1.58	17.84	0.97	5.83	2.31	12.83	0.98
2700	2400	8.84	2.01	13.66	1.23	4.40	2.98	9.82	1.24
3000	2700	6.90	2.52	10.75	1.53	3.41	3.77	7.73	1.54
3300	3000	5.50	3.12	8.64	1.87	2.69	4.70	6.21	1.88
3600	3300	4.45	3.80	7.06	2.26	2.15	5.80	5.08	2.27
4200	3900	3.02	5.50	4.90	3.19	1.41	8.58	3.53	3.21

^{*}Maximum service load in kN/m (in addition to self-weight). Safe working loads indicated are based on the clear span plus 150mm of bearing each end.

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This Certificate covers the following products.

Lintel re	ference:	HSR15	HSR22	HSS15	
Section profile:	Width:	100mm	100mm	140mm	
promo	Height:	140mm	215mm	150mm	

			Lintels Types							
		HSR15		HSR22		HSS15				
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load			
600	300	n/a	n/a	n/a	n/a	n/a	n/a			
750	450	n/a	n/a	n/a	n/a	n/a	n/a			
900	600	50.29	0.12	67.43	0.04	63.90	0.09			
1050	750	40.80	0.20	55.44	0.08	52.54	0.15			
1200	900	34.31	0.32	47.05	0.12	44.58	0.24			
1350	1050	29.58	0.47	40.85	0.18	38.70	0.36			
1500	1200	25.99	0.67	36.08	0.26	34.18	0.51			
1650	1350	23.17	0.91	32.29	0.35	30.59	0.70			

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BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

This Certificate covers the following products.

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Lintel reference: HSR15 HSR22 HSS15 Section Width: 100mm 100mm 140mm profile: **Height:** 140mm 215mm 150mm

		Lintels Types							
		HSR15		HSR22		HSS15			
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load		
1800	1500	19.80	1.15	29.22	0.47	27.42	0.93		
2100	1800	13.80	1.59	24.52	0.77	19.30	1.30		
2400	2100	10.14	2.12	21.11	1.19	14.27	1.74		
2700	2400	7.73	2.74	16.46	1.56	10.94	2.27		
3000	2700	6.07	3.46	13.02	1.97	8.62	2.87		
3300	3000	4.87	4.28	10.53	2.43	6.94	3.57		
3600	3300	3.98	5.22	8.67	2.96	5.69	4.37		
4200	3900	2.77	7.49	6.12	4.21	3.97	6.31		

^{*}Maximum service load in kN/m (in addition to self-weight). Safe working loads indicated are based on the clear span plus 150mm of bearing each end.

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BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

This Certificate covers the following products.

Lintel reference: HSR21 HSS₁₀ Section Width: 100mm 140mm profile: **Height:** 215mm 110mm

			Lintels	Types	
		HSR21		HSS10	
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load
600	300	n/a	n/a	n/a	n/a
750	450	n/a	n/a	n/a	n/a
900	600	97.17	0.05	32.86	0.16
1050	750	79.89	0.08	26.61	0.28
1200	900	67.80	0.12	22.58	0.44
1350	1050	58.87	0.19	19.60	0.65
1500	1200	51.99	0.26	15.41	0.82
1650	1350	46.54	0.36	12.34	1.02



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BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

This Certificate covers the following products.

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Lintel reference: HSR21 **HSS10** Section Width: 140mm 100mm

profile:

Height: 215mm 110mm

		Lintels Types							
		HSR21		HSS10					
Size	Clear span (mm)	*Load Span	**Calculated deflection at 1/3 safe working load	*Load Span	**Calculated deflection at 1/3 safe working load				
1800	1500	42.11	0.48	10.09	1.02				
2100	1800	35.01	0.79	7.08	1.23				
2400	2100	25.94	1.05	5.21	1.74				
2700	2400	19.92	1.37	3.98	2.35				
3000	2700	15.74	1.73	3.12	3.93				
3300	3000	12.71	2.14	2.50	4.93				
3600	3300	10.45	2.61	2.03	6.08				
4200	3900	7.35	3.73	1.40	8.91				

^{*}Maximum service load in kN/m (in addition to self-weight). Safe working loads indicated are based on the clear span plus 150mm of bearing each end.

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This Certificate covers the following products.

				Width (mm)	145	100	145	100
Lintel Reference	Reinforcement	Size	Section Profile:	Height (mm)	100	145	100	145
			Clear span (mm)		*Load Span		**Calculated deflection at 1/3 safe working load	
LIN 00	4 No H8	610	310		80.61	91.19	0.05	0.06
LIN 01	4 No H8	735	435		58.71	71.63	0.09	0.05
LIN 02	4 No H8	965	665		30.08	45.30	0.18	0.12
LIN 03	4 No H8	1065	765		23.79	35.87	0.22	0.16
LIN 04	4 No H8	1220	920		17.31	26.14	0.31	0.22
LIN 05	4 No H8	1370	1070		13.24	20.03	0.41	0.28
LIN 06	4 No H8	1525	1225		10.35	15.69	0.52	0.36
LIN 07	4 No H8	1675	1375		8.35	12.69	0.65	0.45
LIN 08	4 No H8	1830	1530		6.82	10.40	0.80	0.56
LIN 10	4 No H10	2130	1830		6.20	9.65	1.42	1.00
LIN 12	4 No H10	2440	2140		4.55	7.12	1.97	1.37
LIN 13	4 No H10	2745	2445		3.47	5.47	2.61	1.80
LIN 14	4 No H10	3050	2750		2.71	4.31	3.39	2.30

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Lintel Reference	Reinforcement	Size	Section Profile:	Width (mm) Height (mm)	100	100 220	100	100 220
			Clear span (mm)		*Load Span		**Calculated deflection at 1/3 safe working load	
LIN 31	4 No H8	1220	920		18.85	30.32	0.23	0.07
LIN 32	4 No H8	1525	1225		11.21	23.48	0.39	0.16
LIN 33	4 No H8	1830	1530		7.34	19.12	0.60	0.29
LIN 34	4 No H10	2130	1830		7.24	18.89	1.14	0.55
LIN 35	4 No H10	2440	2140		5.28	16.27	1.59	0.86
LIN 36	4 No H10	2745	2445		4.00	14.29	2.13	1.26
LIN 37	4 No H10	3050	2750		3.10	12.00	2.78	1.67

^{*}Maximum service load in kN/m (in addition to self-weight). Safe working loads indicated are based on the clear span plus 150mm of bearing each end.

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No. KM 761759

BS EN 845-2: 2013 + A1: 2016 - Specification for ancillary components for masonry. Part 2: Lintels.

Manufacturing locations:

Ibstock PLC Crown Quay Lane Sittingbourne	Lintel ty	pes:				
ME10 3SL United Kingdom	P100	P150	P220	P255	S10	R15
	R15A	S15	R21	R21A	R22	R22A
	HSR15	HSR22	HSS15	HSR21	HSS10	
Ibstock PLC	Lintel ty	pes:				
Oundle Road Barnwell	LIN 00	LIN 01	LIN 02	LIN 03	LIN 04	LIN 05
Nr Peterborough PE8 5PD	LIN 06	LIN 07	LIN 08	LIN 10	LIN 12	LIN 13
United Kingdom	LIN 14	LIN 31	LIN 32	LIN 33	LIN 34	LIN 35
	LIN 36	LIN 37				
	Lintel ty	pes:				
Ibstock PLC Ampthill Road	LIN 00	LIN 01	LIN 02	LIN 03	LIN 04	LIN 05
Kempston Hardwick Bedford	LIN 06	LIN 07	LIN 08	LIN 10	LIN 12	LIN 13
MK45 3JE	LIN 14	LIN 31	LIN 32	LIN 33	LIN 34	LIN 35
United Kingdom	LIN 36	LIN 37				

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