

Kitemark™ Certificate

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

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03



Kitemark™ Certificate

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:	P100	P150	P220	P255
Section Width:	100mm	140mm	215mm	255mm
profile: Height:	65mm	65mm	65mm	65mm

Size	Clear span (mm)	Lintels Types							
		P100		P150		P220		P255	
		*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

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 2 of 12

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](#).

Kitemark™ Certificate

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.

Continued...

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

Size	Clear span (mm)	Lintels Types							
		P100		P150		P220		P255	
		*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.
 ** Deflections are based on the safe working load and clear span plus 150mm of bearing each end.

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 3 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
 A member of BSI Group of Companies.

Kitemark™ Certificate

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 Width:	100mm	140mm	100mm	140mm
profile: Height:	100mm	100mm	140mm	150mm

Size	Clear span (mm)	Lintels Types							
		S10		R15		R15A		S15	
		*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

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 4 of 12

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](#).

Kitemark™ Certificate

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.

Continued...

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

Size	Clear span (mm)	Lintels Types							
		S10		R15		R15A		S15	
		*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.
 ** Deflections are based on the safe working load and clear span plus 150mm of bearing each end.

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 5 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
 A member of BSI Group of Companies.

Kitemark™ Certificate

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:	R21	R21A	R22	R22A
Section Width:	215mm	140mm	215mm	100mm
profile: Height:	140mm	215mm	100mm	21500

Size	Clear span (mm)	Lintels Types							
		R21		R21A		R22		R22A	
		*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

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 6 of 12

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](#).

Kitemark™ Certificate

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.

Continued...

Lintel reference:	R21	R21A	R22	R22A
Section Width:	215mm	140mm	215mm	100mm
profile: Height:	140mm	215mm	100mm	215mm

Size	Clear span (mm)	Lintels Types							
		R21		R21A		R22		R22A	
		*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.
 ** Deflections are based on the safe working load and clear span plus 150mm of bearing each end.

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 7 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
 A member of BSI Group of Companies.

Kitemark™ Certificate

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

Size	Clear span (mm)	Lintels Types					
		HSR15		HSR22		HSS15	
		*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

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 8 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

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.

Continued...

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

Size	Clear span (mm)	Lintels Types					
		HSR15		HSR22		HSS15	
		*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.
 ** Deflections are based on the safe working load and clear span plus 150mm of bearing each end.

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 9 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
 A member of BSI Group of Companies.

Kitemark™ Certificate

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

Size	Clear span (mm)	Lintels Types			
		HSR21		HSS10	
		*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

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 10 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

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.

Continued...

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

Size	Clear span (mm)	Lintels Types			
		HSR21		HSS10	
		*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.
 ** Deflections are based on the safe working load and clear span plus 150mm of bearing each end.

First Issued: 2022-10-07

Latest Issue: 2025-01-03

Effective Date: 2025-01-03

Expiry Date: 2026-10-03

Page: 11 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
 A member of BSI Group of Companies.

Kitemark™ Certificate

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
ME10 3SL
United Kingdom

Lintel types:

P100	P150	P220	P255	S10	R15
R15A	S15	R21	R21A	R22	R22A
HSR15	HSR22	HSS15	HSR21	HSS10	

First Issued: 2022-10-07
Latest Issue: 2025-01-03

Effective Date: 2025-01-03
Expiry Date: 2026-10-03

Page: 12 of 12

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](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.