



Made for
Each Other

**STRENGTH
AND QUALITY
WHEN YOU
REALLY NEED IT**

CONCRETE LINTELS, FIRE RATED CONCRETE
LINTELS AND PADSTONES



Ibstock
At the heart of building

STRENGTH, QUALITY AND PERFORMANCE WHEN YOU REALLY NEED IT

Our pre-stressed lintel range is available in three options, Standard, Hi-Strength and High Fire Rated where extra performance is required. Other options also include Precast lintels and Fire rated lintels. All lintels have a textured finished for improved mortar and plaster adhesion, are manufactured to EN 845-2:2013 and are UKCA marked for added assurance.

Our padstone range has been specially developed for use with our range of pre-stressed and precast lintels, but they also provide an ideal base for other types of lintels. They are made from high strength, dense concrete and are ready to use, saving time on site. The unique 'PAD' branding helps ensure that the right product is used in this safety critical area.

The range is fully supported with comprehensive technical expertise and advice.



REAP THE ADVANTAGES OF ALL THESE BENEFITS:

Choice of: prestressed lintels, precast lintels and padstones.

Full range of lengths, profiles and performance levels.

The only concrete lintels to carry a **BSI Kitemark**.

Prestressed technology delivering **superior strength** over equivalent 'traditional' precast section sizes.

Featuring our **Strongcast** concrete technology.

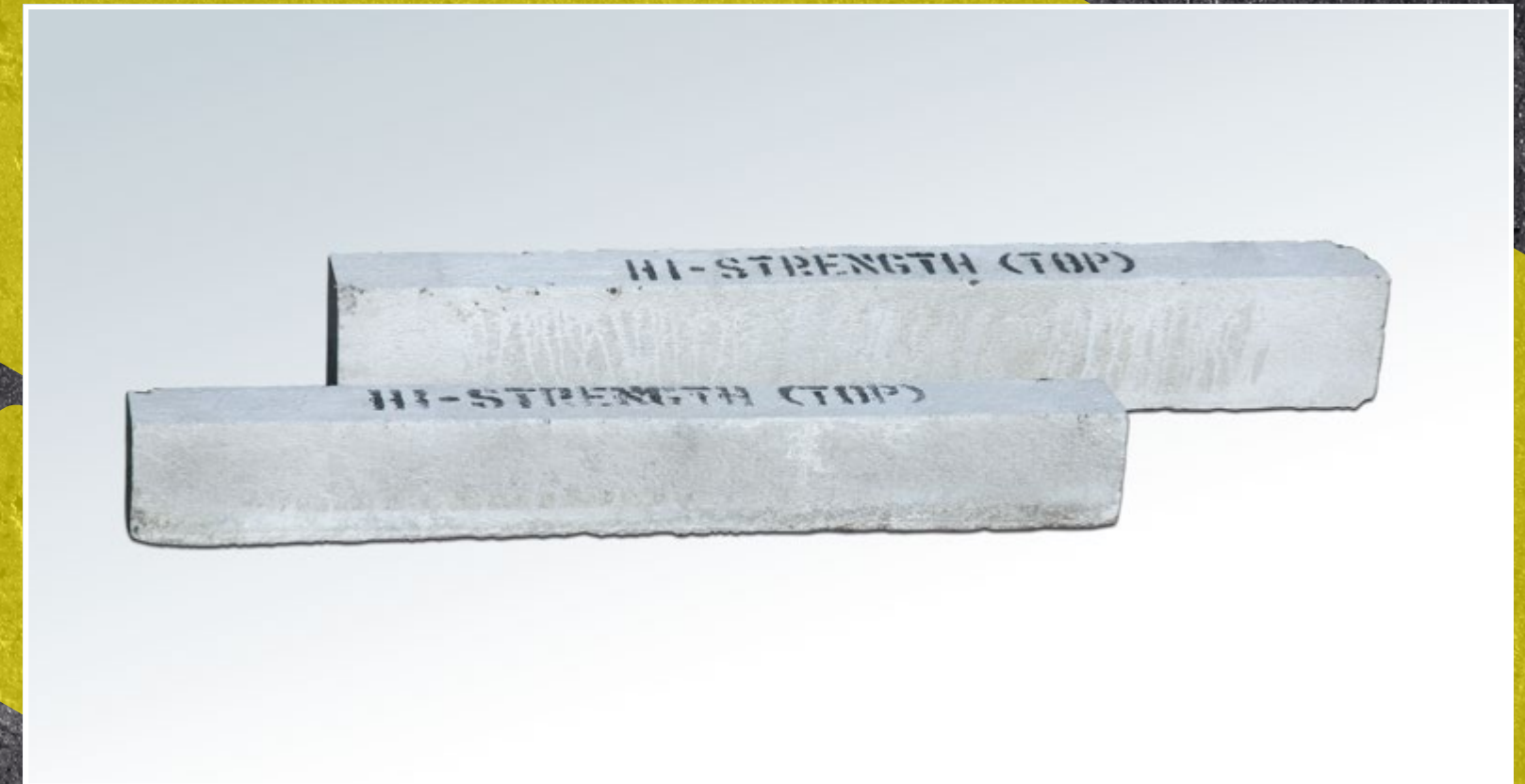
Textured finish to lintels for **enhanced** rendering and plastering.

The use of lightweight aggregate ensuring **superior fire resistance**, while the reduced weight makes handling easier.

All our lintels are Fire Rated, but our NEW High Fire Rated and our Extreme Fire Rated lintels ensure **maximum safety**.

Unmatched design and technical support ensuring simplicity in the selection and use of our products.

Great value!



STANDARD LINTELS

UKCA marked for peace of mind.

The only concrete lintels to have been awarded a **BSI Kitemark**.

Prestressed range features **high strength lintel options**.

Textured finish providing improved mortar and plaster adhesion.

Manufactured in accordance with **EN 845-2:2013**.

Fire rating between **30-60mins**.



STANDARD LINTELS LOAD/SPAN TABLE

STANDARD LINTELS LOAD/SPAN TABLE

MANUFACTURE SIZE TO ORDER	SECTION	P100	P150	P220	P255	S10	R15	R15A	S15	R21	R21A	R22	R22A	R23
	PROFILE*	100 X 65	140 X 65	215 X 65	255 X 65	100 X 100	140 X 100	100 X 140	140 X 150	215 X 140	140 X 215	215 X 100	100 X 215	215 X 215
	CLEAR SPAN	MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)												
600	300	39.56	48.19	77.46	89.09	53.11	80.70	83.25	112.95	164.05	171.86	123.23	134.04	219.01
750	450	25.56	29.22	56.24	64.68	38.56	58.60	60.46	82.01	119.12	124.80	89.49	97.34	158.98
900	600	15.06	17.96	43.63	46.53	28.93	39.87	47.43	64.33	93.44	97.90	62.09	76.38	124.68
1050	750	9.89	12.11	29.48	31.43	19.54	26.93	37.50	52.89	76.83	80.50	41.95	62.81	102.49
1200	900	6.97	8.69	21.21	22.60	14.05	19.37	27.00	44.88	58.98	68.32	30.17	53.31	86.95
1350	1050	5.16	6.52	15.96	16.99	10.57	14.56	20.34	38.96	44.42	59.32	22.69	46.29	75.47
1500	1200	3.96	5.05	12.42	13.21	8.22	11.33	15.84	34.41	34.61	52.39	17.64	37.70	66.63
1650	1350	3.13	4.02	9.91	10.54	6.56	9.04	12.67	30.52	27.68	42.00	14.08	30.20	59.63
1800	1500	2.52	3.26	8.08	8.59	5.35	7.36	10.35	24.98	22.61	34.37	11.48	24.71	50.62
2100	1800	1.73	2.25	5.64	5.98	3.72	5.13	7.24	17.57	15.82	24.17	7.99	17.38	35.58
2400	2100	1.24	1.63	4.12	4.36	2.72	3.74	5.32	12.98	11.62	17.84	5.83	12.83	26.26
2700	2400	0.92	1.21	2.85	3.29	2.05	2.82	4.04	9.94	8.84	13.66	4.40	9.82	20.09
3000	2700	0.70	0.92	2.03	2.41	1.59	2.18	3.16	7.82	6.90	10.75	3.41	7.73	15.80
3300	3000	0.54	0.71	1.50	1.78	1.25	1.72	2.51	6.29	5.50	8.64	2.69	6.21	12.69
3600	3300	0.42	0.56	1.13	1.35	1.00	1.37	2.03	5.15	4.45	7.06	2.15	5.08	10.36
4200*	3900	—	—	—	—	—	—	1.38	3.58	3.02	4.90	1.41	3.53	7.19

Safe working loads indicated are based on the clear span plus 150mm of bearing each end. Our lintels can be cut to length as required.

*w x h

HI-STRENGTH LINTELS

High-strength from our standard range for **exceptional load requirements**.

The only concrete lintels to have been awarded a **BSI Kitemark**.

Manufactured using **Strongcast technology** for strength and durability.

Must be used in the **correct orientation**.

Fire rating between **30-60mins**.

UKCA marked for peace of mind.



HI-STRENGTH LINTELS LOAD/SPAN TABLE

HI-STRENGTH RANGE OF LINTELS LOAD/SPAN TABLE

UNIFORMLY DISTRIBUTED SERVICE LOADS (kN/m) THE SELF WEIGHT OF THE LINTEL MUST BE SUBTRACTED FROM THE LOAD GIVEN

MANUFACTURE SIZE TO ORDER	SECTION	HSR15	HSR22	HSS15	HSR21	HSS10
	PROFILE (W X H)	140 X 100	100 X 215	140 X 150	140 X 215	100 X 100
	CLEAR SPAN	MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)				
900	600	50.29	67.43	63.90	97.17	32.36
1050	750	40.80	55.44	52.54	79.89	26.61
1200	900	34.31	47.05	44.58	67.80	22.58
1350	1050	29.58	40.85	38.70	58.87	19.60
1500	1200	25.99	36.08	34.18	51.99	15.41
1650	1350	23.17	32.29	30.59	46.54	12.34
1800	1500	19.80	29.22	27.42	42.11	10.09
2100	1800	13.80	24.52	19.30	35.01	7.08
2400	2100	10.14	21.11	14.27	25.94	5.21
2700	2400	7.73	16.46	10.94	19.92	3.98
3000	2700	6.07	13.02	8.62	15.74	3.12
3300	3000	4.87	10.53	6.94	12.71	2.50
3600	3300	3.98	8.67	5.69	10.45	2.03
4200	3900	2.77	6.12	3.97	7.35	1.40

Safe working loads indicated are based on the clear span plus 150mm of bearing each end. Our lintels can be cut to length as required.

PRECAST LINTELS

A **premium range**, manufactured with a textured finish.

The only concrete lintels to have been awarded a **BSI Kitemark**.

Designed with **strength and value** in mind.

Manufactured in accordance with **EN 845-2:2013**.

Can be used in **either** orientation.

UKCA marked for peace of mind.



PRECAST LINTELS LOAD/SPAN TABLE

PRECAST LINTEL LOAD/SPAN
UNIFORMLY DISTRIBUTED SERVICE LOADS (kN/m).

MANUFACTURE SIZE TO ORDER	SECTION	REINFORCEMENT	100 X 145*	145 X 100	PRODUCT CODE
	CLEAR SPAN		MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)		
610	310	4 No H8	80.61	91.19	LIN 00
735	435	4 No H8	58.71	71.63	LIN 01
965	665	4 No H8	30.08	45.30	LIN 02
1065	765	4 No H8	23.79	35.87	LIN 03
1220	920	4 No H8	17.31	26.14	LIN 04
1370	1070	4 No H8	13.24	20.03	LIN 05
1525	1225	4 No H8	10.35	15.69	LIN 06
1675	1375	4 No H8	8.35	12.69	LIN 07
1830	1530	4 No H8	6.82	10.40	LIN 08
2130	1830	4 No H10	6.20	9.65	LIN 10
2440	2140	4 No H10	4.55	7.12	LIN 12
2745	2445	4 No H10	3.47	5.47	LIN 13
3050	2750	4 No H10	2.71	4.31	LIN 14

PRECAST LINTEL LOAD/SPAN
UNIFORMLY DISTRIBUTED SERVICE LOADS (kN/m).

MANUFACTURE SIZE TO ORDER	SECTION	REINFORCEMENT	100 X 220*	220 X 100	PRODUCT CODE
	CLEAR SPAN		MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)		
1220	920	4 No H8	18.85	30.32	LIN 31
1525	1225	4 No H8	11.21	23.48	LIN 32
1830	1530	4 No H8	7.34	19.12	LIN 33
2130	1830	4 No H10	7.24	18.89	LIN 34
2440	2140	4 No H10	5.28	16.27	LIN 35
2745	2445	4 No H10	4.00	14.29	LIN 36
3050	2750	4 No H10	3.10	12.00	LIN 37

The self weight of the lintel must be subtracted from the load given.
* Height x width. Safe working loads indicated are based on the clear span plus 150mm of bearing each end. Our lintels can be cut to length as required.

HIGH FIRE RATED LINTELS & EXTREME FIRE RATED LINTELS

High Fire range - **90 - 120 min.**

Extreme Fire range - **300 min.**

Technical experience to provide help and support when selecting products.

Robust testing to ensure products fit for purpose.

Conformance with the **NBS BIM Object Standard**.

Continuous innovation of products and processes to enable innovative designs.

Supply available **nationwide**.

Choice of **3 delivery options**.

UKCA marked for peace of mind.

BSI Kitemarked.



Extreme Fire Rated Lintel

FIRE RATED LINTELS TECHNICAL INFORMATION

TEXTURED LINTELS

LINTEL REF	HEIGHT (mm)	WIDTH (mm)	LENGTHS (mm)	FIRE RATING (mins)	
P100	65	100	600 - 3600	R30	FRL
P150	65	140	600 - 3600	R30	FRL
P220	65	215	600 - 3600	R30	FRL
P255	65	255	600 - 3600	R30	FRL
S10	100	100	600 - 3600	R30	FRL
R15 (R60)	100	140	600 - 4200	R60	FRL
R15 (R90)	100	140	600 - 4200	R90	HFRL
R15A	140	100	600 - 4200	R30	FRL
S15 (R60)	150	140	600 - 4200	R60	FRL
S15 (R90)	150	140	600 - 4200	R90	HFRL
R21 (R60)	140	215	600 - 4200	R60	FRL
R21 (R120)	140	215	600 - 4200	R120	HFRL
R21A (R60)	215	140	600 - 4200	R60	FRL
R21A (R90)	215	140	600 - 4200	R90	HFRL
R22	100	215	600 - 4200	R60	FRL
R22A	215	100	600 - 4200	R30	FRL
R23 (R60)	215	215	600 - 4200	R60	FRL
R23 (R120)	215	215	600 - 4200	R120	HFRL

HIGH STRENGTH LINTELS

LINTEL REF	HEIGHT (mm)	WIDTH (mm)	LENGTHS (mm)	FIRE RATING (mins)	
HSS10	110	100	600 - 4200	R30	FRL
HSR15	140	100	600 - 4200	R30	FRL
HSS15	150	140	600 - 4200	R60	FRL
HSR21	215	140	600 - 4200	R30	FRL
HSR22	215	100	600 - 4200	R30	FRL

EXTREME FIRE RATED LINTELS

LINTEL REF	HEIGHT (mm)	WIDTH (mm)	LENGTHS (mm)	FIRE RATING (mins)	
XF R23	215 ¹	215	600 - 3600	R300	Extreme FRL
XF R24	140 ¹	105	600 - 3600	R300	Extreme FRL
XF R25	215 ¹	105	600 - 3600	R300	Extreme FRL
XF R26	215 ¹	140	600 - 3600	R300	Extreme FRL
XF R27	140 ¹	140	600 - 3600	R300	Extreme FRL

¹ Heights may increase by 10mm if Vermiculite coating is required on underside of lintel.

PADSTONES

Branded, designed and engineered to perform with our lintels for **assured support**.

Made from high strength dense concrete conforming to a **compressive strength class** C40/50.

Can be used in **any** orientation.

Ready to use so saving time on-site.

Stylistic complement to lintel range for **sleek, professional** look.

Versatility with choice of sizes including corners, and any wall design and position covered.

Favoured by **building regulators**.

Quick visual identification on site - less chance of mistakes.





PADSTONES TECHNICAL INFORMATION

PADSTONES				
METRIC (MM)	IMPERIAL	PACK QUANTITY	PACK WEIGHT (KG)	PRODUCT CODE
215 x 140 x 102	9" x 5 1/2" x 4"	12	84	PAD 01
300 x 140 x 102	12" x 5 1/2" x 4"	12	108	PAD 02
440 x 140 x 102	18" x 5 1/2" x 4"	12	168	PAD 03
600 x 140 x 102	24" x 5 1/2" x 4"	12	228	PAD 04
440 x 140 x 140	18" x 5 1/2" x 5 1/2"	12	228	PAD 05
215 x 140 x 215	9" x 5 1/2" x 9"	12	168	PAD 06
440 x 140 x 215	18" x 5 1/2" x 9"	12	360	PAD 07
380 x 140 x 215	15" x 5 1/2" x 9"	12	300	PAD 08
440 x 215 x 215	18" x 9" x 9"	12	588	PAD 09
215 x 215 x 102	9" x 9" x 4"	12	120	PAD 11
440 x 215 x 102	18" x 9" x 4"	12	273	PAD 12
330 x 215 x 102	13" x 9" x 4"	12	192	PAD 13
100 x 65 x 225	4" x 2 1/2" x 9"	12	48	PAD 15

CORNER PADSTONE				
METRIC (MM)	IMPERIAL	PACK QUANTITY	PACK WEIGHT (KG)	PRODUCT CODE
215 x 215 x 215 x 100	9" x 9" x 9" x 4"	1	25	PAD 21C
300 x 300 x 215 x 100	12" x 12" x 9" x 4"	1	34	PAD 22C
440 x 440 x 215 x 100	18" x 18" x 9" x 4"	1	59	PAD 23C
600 x 600 x 215 x 100	24" x 24" x 9" x 4"	1	75	PAD 24C

Contact

For orders and enquiries, please call us on **01909 775000** or email **supreme.sales@ibstock.co.uk**

Our full range

LINTELS

PADSTONES

FENCING

BUILDING

BEAMS



Ibstock Concrete factory addresses

CASTLEDAWSON (STAIRCASES AND LIFT SHAFTS)

Magherafelt BT45 8HG

DEWSBURY (FLOOR BEAMS)

Dewsbury WF12 9EF

BOOTLE

Bootle L30 4UJ

NORTHWICH

Northwich CW9 6AA

BARNWELL

Peterborough PE8 5PD

BEDFORD

Bedford MK45 3JE

SITTINGBOURNE

Kent ME10 3SL

THORNLEY (CAST STONE)

Durham DH6 2QA

ANSTONE (WALLING STONE)

Sheffield S26 6NP

MASONCRETE (CAST STONE)

Derbyshire DE4 2LN

STRETTON (ROOFING)

Burton-on-Trent DE13 0BP

CEBASTONE (CAST STONE)

Ibstock LE67 6HP

LEIGHTON BUZZARD (ROOFING)

Leighton Buzzard LU7 4SD

SHEARSTONE (WALLING STONE)

Somerset BA4 4SQ

