



**Ibstock**  
At the heart of building

# IBSTOCK FIRE RATED CONCRETE LINTELS

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**WE ARE**  
Lintels and more.





# WE ARE

at the heart of building.

We offer a diverse range of building products, solutions and expert technical and design services that enable our customers to create inspirational spaces and places.

Everything we do revolves around our valued customers and we continuously strive to exceed their expectations. We pride ourselves on leading for new, innovative and sustainable products and solutions, both for today and for a new era of building.

**WE ARE at the heart of building. WE ARE Ibstock.**



Bricks and Masonry

Facade Systems

Roofing

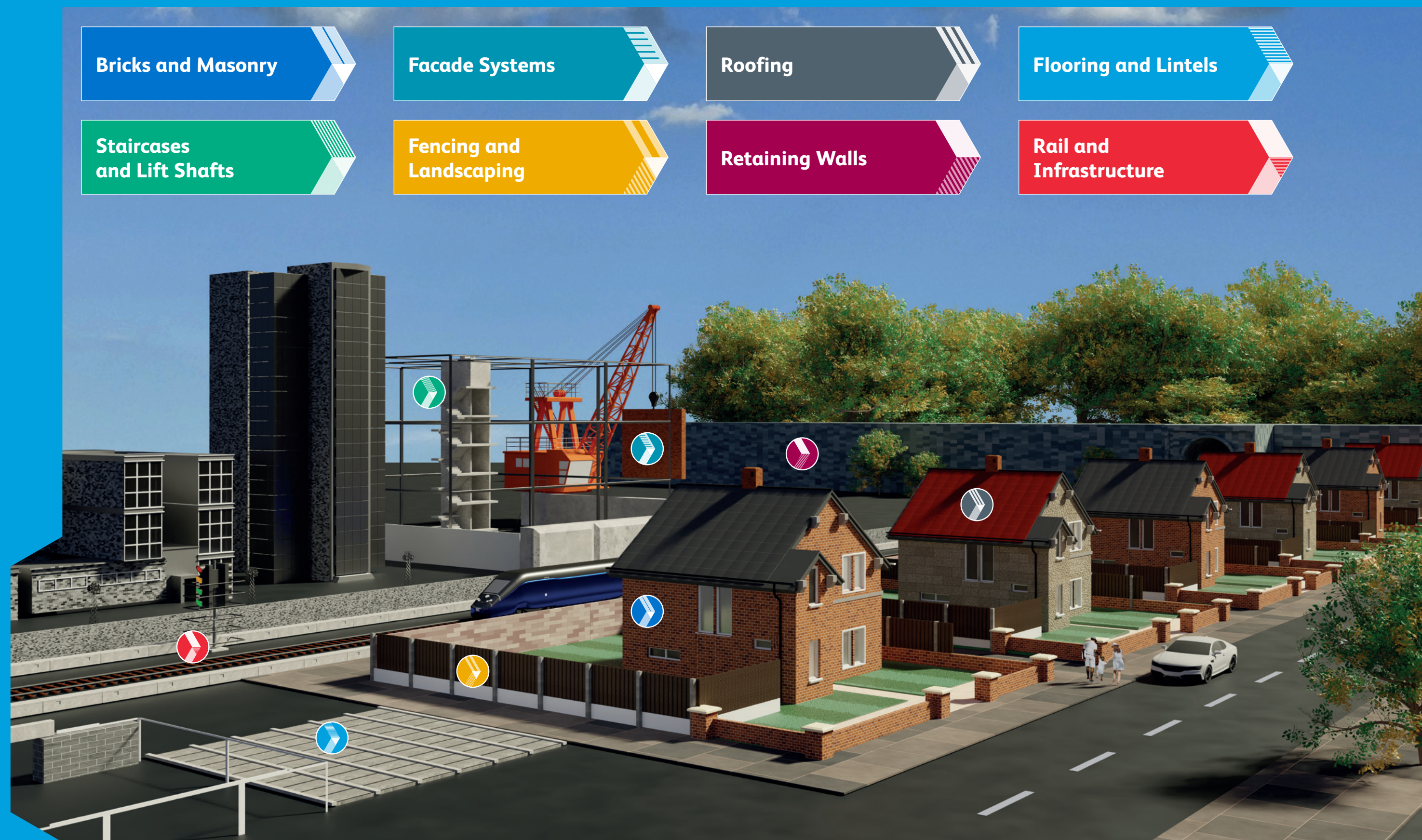
Flooring and Lintels

Staircases  
and Lift Shafts

Fencing and  
Landscaping

Retaining Walls

Rail and  
Infrastructure



## Design and Technical Services

We are committed to providing the best possible design and technical support to our customers. From expert advice to a sector-leading training and CPD provision, Ibstock's range of design and technical services are especially configured to give architects and specifiers the access to the support they need at every stage on their project journey – from concept to build.



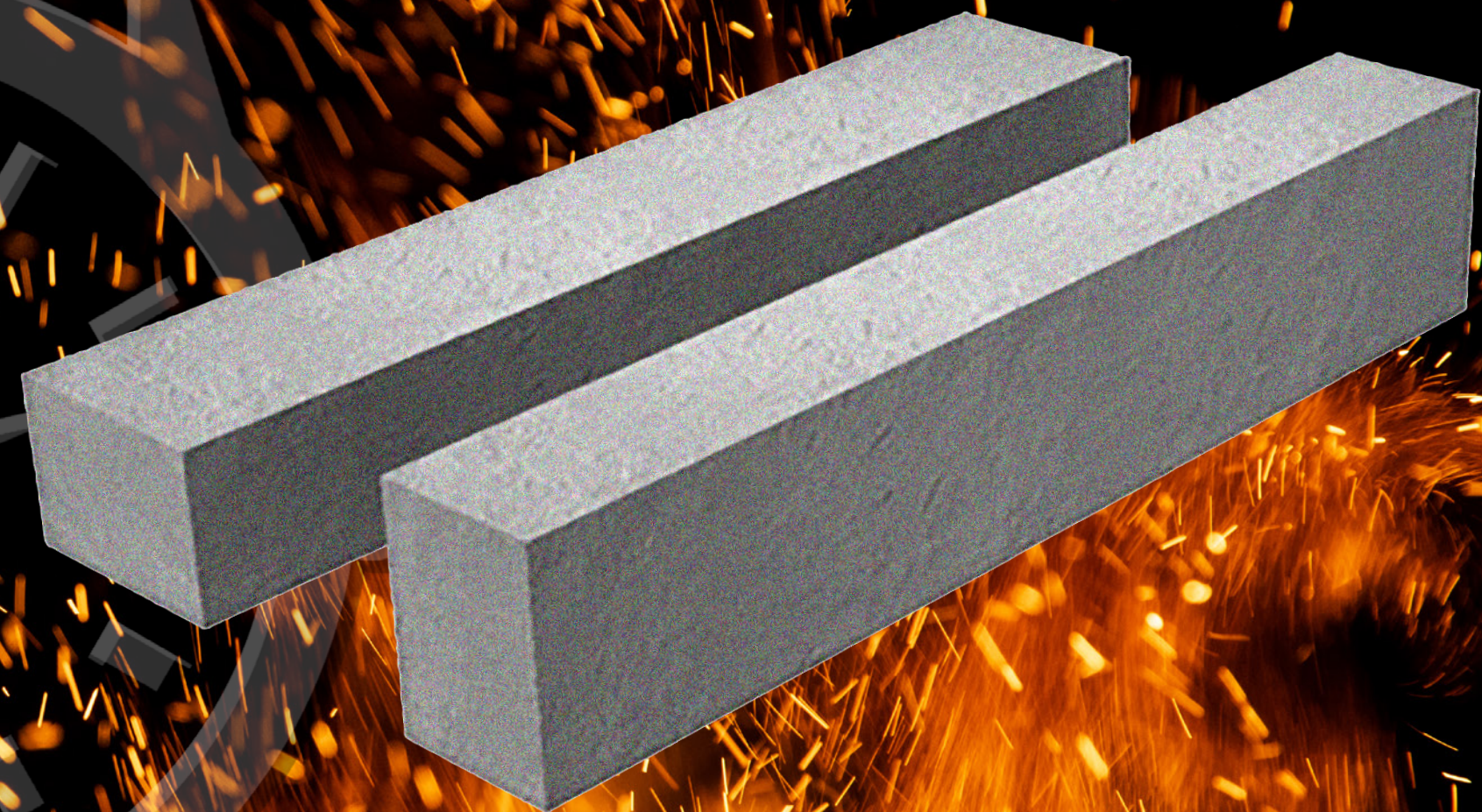




# Life-saving minutes **built in**

Buildings are designed to withstand actions from numerous anticipated hazards to ensure life and structural safety. Fire represents an extreme hazard that can occur and it is crucial that firefighting and rescue operations have as much time as possible to save lives.

Ibstock is recognised as an experienced and trusted supplier of the essential building components you need, that fully comply with industry standards, can be trusted to ensure structural stability during fire exposure and contain fire spread.







# Accreditation **built in**

Here at Ibstock, we are proud to offer you our new, highly comprehensive and full range of high-quality fire-rated lintels that have been tested to cover all industry specifications and are unique in that they are all fully BSI Kitemarked.

And with the introduction of our latest Extreme range, we are one of the very few companies based in the UK, able to offer you a choice of fire rated lintels, proven by our stringent tests to maintain a 300 minute load bearing capability, when subject to fire conditions.

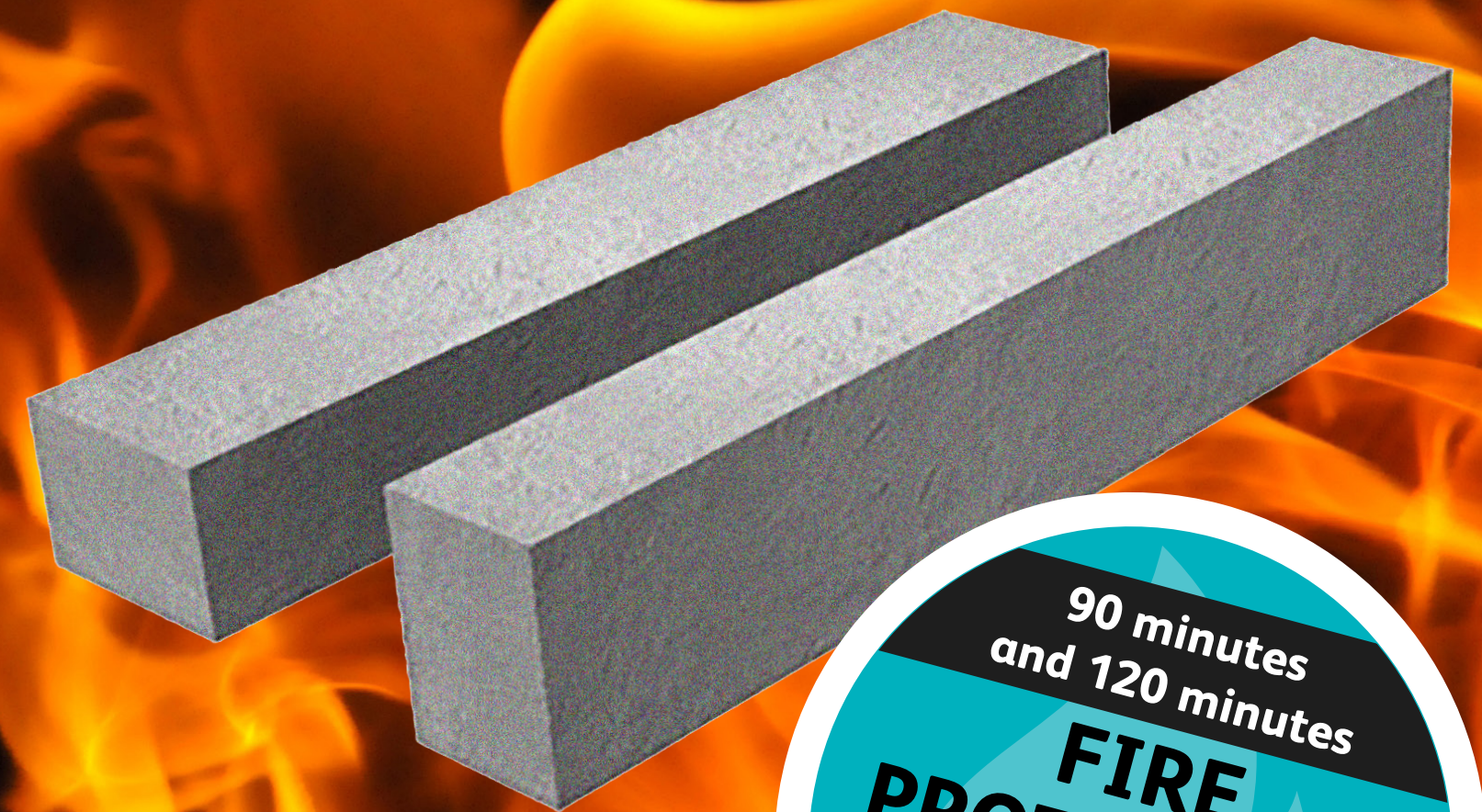






# High Fire Rated Lintels

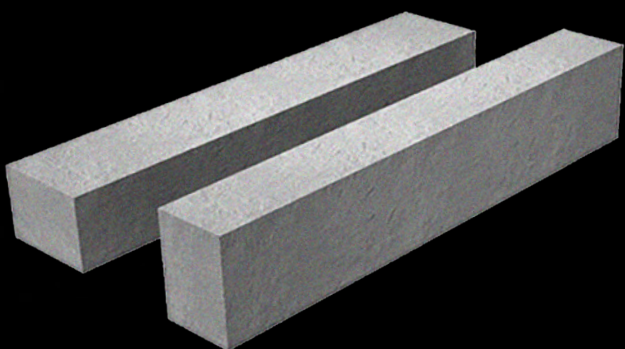
- 90 minute and 120 minute protection.
- Textured finish.
- BSI Kitemarked.
- First-rate structural loadings.
- Supporting Fire Fighters Charity.







# High Fire Rated Lintels



PRODUCT TABLE

LINTEL REF*	WIDTH (MM)	HEIGHT (MM)	LENGTHS (MM)	FIRE RATING (MINS)
HIGH FIRE RATED (90-120MIN)				
HF R15*	140	100	600 - 4200	R90
HF S15	140	150	600 - 4200	R90
HF R21	215	140	600 - 4200	R120
HF R21A*	140	215	600 - 4200	R90
HF R23	215	215	600 - 4200	R120



\* To be used in correct orientation. Installer to rotate product as per markings shown.

LOAD-SPAN TABLE (90 - 120 minutes fire rating)

		LINTEL REFERENCE	HF R15	HF S15	HF R21	HF R21A	HF R23
		SECTION PROFILE	140 x 100*	140 x 150	215 x 140	140 x 215	215 x 215
SIZE TO ORDER	CLEAR SPAN (MM)	MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)					
600	300		80.70	113.39	175.77	170.94	237.78
750	450		58.60	82.33	127.64	124.12	172.63
900	600		39.87	64.58	100.14	97.37	135.41
1050	750		26.93	53.10	82.34	80.06	111.32
1200	900		19.37	45.06	60.61	67.95	94.46
1350	1050		14.56	39.12	45.66	58.99	82.00
1500	1200		11.33	34.55	35.57	52.10	72.41
1650	1350		9.04	28.00	28.46	46.64	64.81
1800	1500		7.36	22.90	23.24	42.20	56.90
2100	1800		5.13	16.10	16.28	33.35	40.03
2400	2100		3.74	11.88	11.96	24.69	29.58
2700	2400		2.82	9.09	9.10	18.96	22.66
3000	2700		2.18	7.15	7.11	14.97	17.85
3300	3000		1.72	5.74	5.67	12.09	14.36
3600	3300		1.37	4.69	4.60	9.93	11.75
4200	3900		0.90	3.25	3.12	6.98	8.19

\* Width x height  
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.







# Extreme Fire Rated Lintels

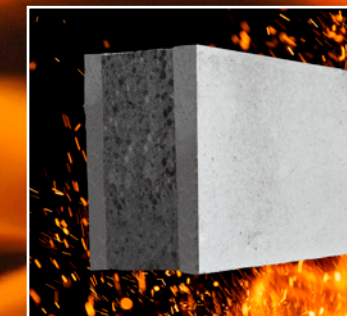
- 300 minute protection.
- Textured Finish.
- BSI Kitemarked.
- Vermiculite fire-resistant coating.
- Dependable and safe, no dangerous or poisonous omissions.
- First-rate structural loadings.
- Supporting Fire Fighters Charity.







# Extreme Fire Rated Lintels



## PRODUCT TABLE

LINTEL REF	WIDTH (MM)	HEIGHT (MM)	LENGTHS (MM)	FIRE RATING (MINS)
EXTREME FIRE RATED (300MIN)				
XF R23	215	215	600 - 3600	R300
XF R24	105	140	600 - 3600	R300
XF R25	105	215	600 - 3600	R300
XF R26	140	215	600 - 3600	R300
XF R27	140	140	600 - 3600	R300



## LOAD-SPAN TABLE (300 minute fire rating)

		LINTEL REFERENCE	XF R23	XF R24	XF R25	XF R26	XF R27
		SECTION PROFILE	215 x 215 *	105 x 140 *	105 x 215 *	140 x 215 *	140 x 140 *
SIZE TO ORDER	CLEAR SPAN (MM)	MAXIMUM SERVICE LOAD IN kN/m (IN ADDITION TO SELF WEIGHT)					
900	600		97.87	28.90	49.99	76.38	47.43
1050	750		80.48	23.76	41.11	62.81	37.50
1200	900		68.30	18.68	34.89	53.31	27.00
1350	1050		59.30	14.07	30.30	46.29	20.34
1500	1200		52.37	10.97	24.11	37.70	15.84
1650	1350		45.83	8.77	19.32	30.20	12.67
1800	1500		37.51	7.17	15.8	24.71	10.35
2100	1800		26.40	5.02	11.11	17.38	7.24
2400	2100		19.51	3.69	8.20	12.83	5.32
2700	2400		14.95	2.81	6.28	9.82	4.04
3000	2700		11.77	2.20	4.94	7.73	3.16
3300	3000		9.47	1.75	3.97	6.21	2.51
3600	3300		7.76	1.42	3.24	5.08	2.03

\* To be used in correct orientation. Installer to rotate product as per markings shown

\* Width x height (the width includes the fire proof coating)  
Safe working loads indicated are based on the clear span plus 150mm of bearing each end.  
The Extreme Fire Rated Lintels cannot be cut.





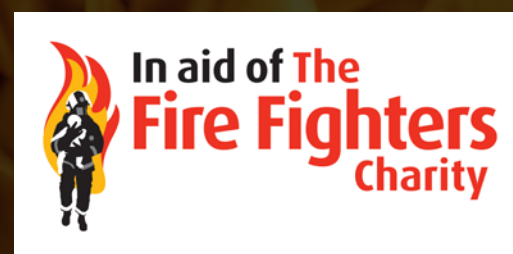


## Contact

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- Conformance with the NBS BIM Object Standard.
- Continuous innovation of products and processes to enable innovative designs.

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## Our full range

LINTELS



PADSTONES



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