

STRESSLINE

STRUCTURAL BUILDING PRODUCTS

LINTEL PRICE GUIDE 2016



www.stressline.net

T H E S O L I D C H O I C E

1964 **50** 2014

PROUDLY INDEPENDENT



SERVICE DELIVERY

OUR COMMITMENT TO YOU

SERVICE DELIVERY

SALES & SUPPORT

Our area sales managers and sales technicians are able to assist you with your specification needs. Whether advice is needed for a single lintel, or a comprehensive take off and pricing schedule for a multi dwelling development, our team is here to help.

This brochure and website outline our ranges to assist your selection.

In addition, our unique ability to manufacture a range of structural building components offers the specifier and the buyer a complete solution for structural flooring (both beam and hollowcore), steel and concrete lintels and structural precast products, including padstones, staircases and landings.

Our flexible design and manufacturing facilities enable your "special" lintel requirements to be produced quickly and efficiently.

OUR PRODUCTS

Our comprehensive range of standard steel and concrete lintels offers design capability for all circumstances, designed to the relevant BS EN standards and with the reassurance of BS EN ISO 9001: 2008 management standard.

The cavity lintel range is supplied with captive insulation to ensure that it is not displaced. The fabricated ranges are manufactured with a proven non-welded method creating a secure connection that has not compromised the galvanised protection.

Our ranges of prestressed concrete lintels are manufactured using machinery and processes designed by our own engineers. This has enabled the maximum strength to section available, whilst producing high volumes of consistent quality products.

DELIVERY

All our products are delivered on flat bed articulated or rigid lorries, with the option of either self offload or crane offload. Depending on the customer's requirements both steel and concrete lintels are packaged in stock packs or in consignment loads (with the option of house plots and locations marked on the product).

As we are located centrally we are able to supply all our standard products nationally, with delivery typically three to eight working days.

OUR PROMISE

Stressline understand the day-to-day challenges you face on a building site and the importance of working with a supplier you can trust. Our promise is simple – to deliver competitively priced products, on time, to the required specification.

ACCREDITATIONS

Stressline has an on-going commitment to improving both product and management systems;

- 1989: BSI Quality Assurance Accreditation to ISO 9001
- 2003: BS EN ISO 9001:2000
- 2009: ISO 9001:2008

ENVIRONMENTAL AND SUSTAINABILITY

We recognise our responsibilities to the environment. We are committed to developing, implementing and reviewing our management and operational policies and procedures to minimise our environmental impact. Our IMS includes all our compliance policies and achievement targets.

From our ongoing environmental and sustainability commitments we have continued to achieve significant reductions in our impact as manufacturers and distributors. One major environmental benefit shared with our existing customers is the ability to source our complete range of products and for them to be delivered as a mixed load on one vehicle, instead of separate deliveries which creates wasteful and unnecessary movements.

OTHER STRESSLINE PRODUCTS



STANTON CAST STONE

- Large range of available products
- Vapour cured
- Choice of four colours



PRESTRESSED CONCRETE LINTELS

- Prestressed Concrete
- Universal Lintels
- Standard & High Strength
- Free Scheduling service
- Padstones

High Strength and Fair Face variants available



BEAM & BLOCK FLOORING

- Prestressed Flooring
- 'I' Beam Design
- Various Sections
- End Slips
- Thermal flooring option available

150 and 225 mm deep beam options available



PRECAST SECTIONS

- Stair Flights
- Landings
- Balconies

Design and installation service option available



HOLLOWCORE FLOORING

- Prestressed Concrete
- Spans in excess of 9m
- 150mm & 200mm

Design and installation service option available



CONCRETE FENCING AND WALLING PRODUCTS

- Slotted Posts
- Gravel Boards
- Support Posts
- Morticed and Recessed Posts
- Chain Link & Cranked Top Posts
- Screed Rails and Bollards
- Pier Caps
- Copings

Wet cast and light weight variants available

CAVITY 50 | 70 | 90 | 110 | 130 | 150

	CAVITY 50											CAVITY 70											CAVITY 90										
	100											100											100										
	50-65											70-85											90-105										
	100-115											100-115											100-115										
Outer Leaf (mm)	Heavy			Extra Heavy			Extra Heavy			Standard			Heavy			Extra Heavy			Extra Heavy			Standard			Heavy			Extra Heavy			Extra Heavy		
Cavity (mm)	SL50	SL50 HD	SL50 HDX	SL50 XHD 225	SL50 CXHD 150	SL50 CXHD 225	SL70	SL70 HD	SL70 HDX	SL70 XHD 225	SL70 CXHD 150	SL70 CXHD 225	SL90	SL90 HD	SL90 HDX	SL90 XHD 225	SL90 CXHD 150	SL90 CXHD 225	SL90	SL90 HD	SL90 HDX	SL90 XHD 225	SL90 CXHD 150	SL90 CXHD 225	SL90	SL90 HD	SL90 HDX	SL90 XHD 225	SL90 CXHD 150	SL90 CXHD 225			
Inner Leaf (mm)																																	
Loading																																	
Lintel section																																	
Brochure Page	8																																
600	49.52	60.16	64.96	76.15	65.52	83.94	49.52	60.16	65.05	76.45	66.85	83.94	51.68	70.16	74.00	82.95	67.89	92.00	51.68	70.16	74.00	82.95	67.89	92.00	51.68	70.16	74.00	82.95	67.89	92.00			
750	51.32	62.34	72.20	95.19	72.40	88.37	51.32	62.34	72.31	95.57	73.07	88.37	53.55	72.70	81.99	103.68	84.85	93.79	53.55	72.70	81.99	103.68	84.85	93.79	53.55	72.70	81.99	103.68	84.85	93.79			
900	62.02	71.55	84.35	114.23	79.28	105.99	62.02	71.55	84.49	114.67	79.29	105.99	64.38	87.18	98.35	124.42	95.97	109.74	64.38	87.18	98.35	124.42	95.97	109.74	64.38	87.18	98.35	124.42	95.97	109.74			
1050	72.36	83.90	98.91	133.92	91.33	123.66	72.36	83.90	101.00	140.90	92.91	123.66	75.15	102.99	115.30	144.02	112.55	134.83	75.15	102.99	115.30	144.02	112.55	134.83	75.15	102.99	115.30	144.02	112.55	134.83			
1200	82.33	95.45	112.34	151.75	102.76	141.37	82.33	95.45	114.62	159.35	105.48	141.37	86.01	110.22	126.15	163.33	128.65	149.34	86.01	110.22	126.15	163.33	128.65	149.34	86.01	110.22	126.15	163.33	128.65	149.34			
1350	94.86	109.67	128.34	171.91	117.47	159.08	94.86	109.67	128.95	173.95	119.83	159.08	98.06	123.93	141.59	182.78	144.66	158.81	98.06	123.93	141.59	182.78	144.66	158.81	98.06	123.93	141.59	182.78	144.66	158.81			
1500	105.47	121.98	141.85	188.20	140.18	176.64	105.47	121.98	142.53	190.48	151.28	176.64	109.10	137.60	156.99	202.22	166.12	176.39	109.10	137.60	156.99	202.22	166.12	176.39	109.10	137.60	156.99	202.22	166.12	176.39			
1650	113.74	152.29	164.91	194.37	170.05	194.37	113.74	152.29	164.91	194.37	183.83	194.37	117.61	155.43	170.89	206.97	186.69	206.97	117.61	155.43	170.89	206.97	186.69	206.97	117.61	155.43	170.89	206.97	186.69	206.97			
1800	133.47	171.06	183.36	212.05	189.79	212.05	133.47	171.06	183.36	212.05	200.53	212.05	137.53	184.43	192.61	211.71	203.65	211.71	137.53	184.43	192.61	211.71	203.65	211.71	137.53	184.43	192.61	211.71	203.65	211.71			
1950	146.08	185.30	197.76	226.83	218.17	226.82	146.08	185.29	197.75	226.83	217.24	226.83	149.10	200.23	214.55	247.96	220.62	247.96	149.10	200.23	214.55	247.96	220.62	247.96	149.10	200.23	214.55	247.96	220.62	247.96			
2100	152.77	199.82	213.65	245.92	242.79	245.92	152.77	199.82	213.65	245.92	243.81	245.92	161.04	215.86	232.21	270.35	246.96	270.35	161.04	215.86	232.21	270.35	246.96	270.35	161.04	215.86	232.21	270.35	246.96	270.35			
2250	173.98	237.72	253.86	291.51	255.58	291.51	173.98	237.72	253.86	291.51	262.83	291.51	185.82	261.35	271.91	296.54	287.75	296.54	185.82	261.35	271.91	296.54	287.75	296.54	185.82	261.35	271.91	296.54	287.75	296.54			
2400	188.50	265.34	279.04	310.99	301.42	310.99	188.49	265.33	279.03	310.99	303.43	310.99	197.25	278.96	290.17	316.34	308.43	316.34	197.25	278.96	290.17	316.34	308.43	316.34	197.25	278.96	290.17	316.34	308.43	316.34			
2550	210.63	286.25	299.49	330.37	349.94	320.86	210.63	286.25	299.49	330.37	335.64	330.37	216.73	314.09	335.54	385.58	335.63	385.58	216.73	314.09	335.54	385.58	335.63	385.58	216.73	314.09	335.54	385.58	335.63	385.58			
2700	226.05	303.10	317.12	349.82	370.52	349.82	226.05	303.10	317.12	349.82	355.38	349.82	236.21	322.82	348.36	407.95	355.38	407.95	236.21	322.82	348.36	407.95	355.38	407.95	236.21	322.82	348.36	407.95	355.38	407.95			
2850	276.81	325.16		369.26		369.47	276.81	325.16		369.26		369.47	283.14	351.23		430.61		430.61	283.14	351.23		430.61		430.61	283.14	351.23		430.61		430.61			
3000	294.50	336.95		388.69		418.24	294.50	336.95		388.69		418.24	304.48	364.55		453.28		453.28	304.48	364.55		453.28		453.28	304.48	364.55		453.28		453.28			
3150	323.09	421.75		408.12		449.99	323.09	421.75		408.12		449.99	334.10	460.46		475.94		475.94	334.10	460.46		475.94		475.94	334.10	460.46		475.94		475.94			
3300	334.81	437.05		427.56		481.75	334.81	437.05		427.56		481.75	346.22	477.16		498.60		498.60	346.22	477.16		498.60		498.60	346.22	477.16		498.60		498.60			
3450	359.49	460.17		446.99		502.74	359.49	460.17		446.99		502.74	361.62	532.37		521.27		521.27	361.62	532.37		521.27		521.27	361.62	532.37		521.27		521.27			
3600	372.53	476.86		466.43		524.59	372.53	476.86		466.43		524.59	377.34	555.52		543.93		543.93	377.34	555.52		543.93		543.93	377.34	555.52		543.93		543.93			
3750	469.61	577.02		485.86		580.72	469.61	577.02		485.86		580.72	482.54	599.88		566.60		566.60	482.54	599.88		566.60		566.60	482.54	599.88		566.60		566.60			
3900	486.64	597.95		505.29		603.95	486.64	597.95		505.29		603.95	501.84	623.88		589.27		589.27	501.84	623.88		589.27		589.27	501.84	623.88		589.27		589.27			
4050	503.74	620.95				624.88	503.74	620.95				624.88	550.26	647.87				624.88	550.26	647.87				624.88	550.26	647.87				624.88			
4200	529.54	643.94				670.41	529.54	643.94				670.41	570.22	671.87				670.41	570.22	671.87				670.41	570.22	671.87				670.41			
4350	568.46					722.76	568.46					722.76	610.48					722.76	610.48					722.76	610.48					722.76			
4500	607.37					748.06	607.37					748.06	632.62					748.06	632.62					748.06	632.62					748.06			
4650	627.84					772.74	627.84					772.74	655.57					772.74	655.57					772.74	655.57					772.74			
4800	648.32					787.93	648.32					787.93	679.35					787.93	679.35					787.93	679.35					787.93			
4950						820.82						820.82																					
5100						853.71						853.71																					

Outer Leaf (mm)		Cavity (mm)		Inner Leaf (mm)		Loading		Lintel section		Brochure Page			
CAVITY 110		CAVITY 130		CAVITY 150		CAVITY 110		CAVITY 130		CAVITY 150			
100		100		100		100		100		100			
110-125		130-145		150-165		130-145		150-165		150-165			
100-115		100-115		100-115		100-115		100-115		100-115			
Standard	Heavy	Extra Heavy	SL110 HDX	SL110 XHD 225	SL110 CXHD 150	SL110 CXHD 225	Standard	Heavy	Extra Heavy	SL130 HDX	SL130 XHD 225	SL130 CXHD 150	SL130 CXHD 225
SL110	SL110 HD	SL110 HDX	SL110 XHD 225	SL110 CXHD 150	SL110 CXHD 225	SL110 CXHD 225	SL130	SL130 HD	SL130 HDX	SL130 XHD 225	SL130 CXHD 150	SL130 CXHD 225	SL130 CXHD 225
9	10	11					10	11					
54.26	73.67	77.70	87.10	71.28	96.60	96.60	81.02	104.86	102.54	97.14	92.78	113.80	113.80
56.23	76.34	86.09	108.86	89.09	98.48	98.48	83.95	108.66	112.49	121.43	115.97	117.27	117.27
67.60	91.54	103.27	130.64	100.77	115.23	115.23	91.87	117.57	126.01	145.71	123.26	139.54	139.54
78.91	108.14	121.06	151.22	118.18	141.57	141.57	110.47	137.70	147.25	169.52	144.04	165.66	165.66
90.31	115.73	132.46	171.50	135.09	156.81	156.81	122.56	154.23	165.92	193.20	164.63	187.32	187.32
102.96	130.13	148.66	191.92	151.90	166.75	166.75	142.64	171.61	185.21	216.95	185.18	206.88	206.88
114.56	144.48	164.84	212.33	174.42	185.21	185.21	153.88	178.61	197.23	240.69	208.02	229.84	229.84
123.49	163.20	179.44	217.32	196.02	217.32	217.32	173.39	219.42	231.07	258.26	230.47	258.26	258.26
144.41	193.65	202.24	222.30	213.83	222.30	222.30	187.20	231.60	244.87	275.83	251.43	275.83	275.83
156.56	210.24	225.28	260.36	231.65	260.36	260.36	213.92	272.15	282.49	306.62	301.53	306.62	306.62
169.09	226.65	243.82	283.87	259.31	283.87	283.87	227.75	282.80	297.44	331.60	328.66	331.60	331.60
195.11	274.42	285.50	311.37	302.14	311.37	311.37	302.99	352.28	354.05	358.17	361.86	387.38	387.38
207.11	292.91	304.68	332.16	323.85	332.16	332.16	317.46	362.17	368.14	382.07	386.62	413.22	413.22
227.57	329.79	352.31	404.86	352.41	404.86	404.86	350.32	443.08	438.17	426.72	414.10	459.83	459.83
248.02	338.96	365.78	428.35	373.15	428.35	428.35	373.69	458.60	456.53	451.69	438.47	486.74	486.74
297.30	368.79	452.14	484.42	484.42	484.42	484.42	427.10	506.61	476.78	476.78	518.69	518.69	518.69
319.70	382.78	475.94	500.46	500.46	500.46	500.46	444.61	530.76	501.88	501.88	550.63	550.63	550.63
350.81	483.48	499.74	531.77	531.77	531.77	531.77	488.77	611.53	526.97	526.97	655.49	655.49	655.49
363.53	501.02	523.53	557.03	557.03	557.03	557.03	498.63	637.97	552.06	552.06	686.67	686.67	686.67
379.70	558.99	547.33	582.34	582.34	582.34	582.34	533.52	674.32	577.16	577.16	717.89	717.89	717.89
396.21	583.30	571.13	607.66	607.66	607.66	607.66	548.56	697.27	602.25	602.25	749.10	749.10	749.10
506.67	629.87	594.93	633.01	633.01	633.01	633.01	608.48	729.09	627.35	627.35	780.33	780.33	780.33
526.93	655.07	618.73	658.33	658.33	658.33	658.33	624.30	758.26	652.44	652.44	811.54	811.54	811.54
577.77	680.26	675.26	675.26	675.26	675.26	675.26	672.24	811.60	839.38	839.38	839.38	839.38	839.38
598.73	705.46	753.24	753.24	753.24	753.24	753.24	702.63	841.67	891.67	891.67	891.67	891.67	891.67
641.00		781.06	781.06	781.06	781.06	781.06	736.13		934.07	934.07	934.07	934.07	934.07
664.25		808.12	808.12	808.12	808.12	808.12	761.97		966.33	966.33	966.33	966.33	966.33
688.35		835.08	835.08	835.08	835.08	835.08	788.15		987.65	987.65	987.65	987.65	987.65
713.32		861.92	861.92	861.92	861.92	861.92	812.50		1,019.48	1,019.48	1,019.48	1,019.48	1,019.48
		964.56	964.56	964.56	964.56	964.56			1,088.69	1,088.69	1,088.69	1,088.69	1,088.69
		1,067.19	1,067.19	1,067.19	1,067.19	1,067.19			1,157.90	1,157.90	1,157.90	1,157.90	1,157.90

CAVITY WIL 50 | 70 | 90 | 110 | 130 | 150

Outer Leaf (mm) Cavity (mm) Inner Leaf (mm) Loading	CAVITY 50													CAVITY 70													CAVITY 90												
	100													100													100												
	50-65													70-85													90-105												
	125-150													125-150													125-150												
	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	SL50 WIL	SL50 HDX WIL	SL50 XHD 225 WIL	SL50 CXHD 150 WIL	SL50 CXHD 225 WIL	SL70 WIL	SL70 HDX WIL	SL70 XHD 225 WIL	SL70 CXHD 150 WIL	SL70 CXHD 225 WIL	SL90 WIL	SL90 HDX WIL	SL90 XHD 225 WIL	SL90 CXHD 150 WIL	SL90 CXHD 225 WIL	SL90 WIL	SL90 HDX WIL	SL90 XHD 225 WIL	SL90 CXHD 150 WIL	SL90 CXHD 225 WIL														
Lintel section																																							
Brochure Page	13													14													15												
600	53.68	79.90	80.31	81.28	72.03	88.05	81.28	80.31	81.28	72.03	98.05	81.28	80.31	81.28	72.03	88.05	81.28	80.31	81.28	72.03	98.05	81.28	80.31	81.28	72.03	98.05													
750	55.63	82.80	88.44	101.61	90.04	101.61	101.61	101.61	90.04	101.61	101.61	101.61	101.61	90.04	101.61	101.61	101.61	101.61	101.61	90.04	101.61	101.61	101.61	101.61	90.04	101.61													
900	65.91	88.91	98.81	121.91	91.10	121.91	121.91	121.91	91.10	121.91	121.91	121.91	121.91	91.10	121.91	121.91	121.91	121.91	121.91	91.10	121.91	121.91	121.91	121.91	91.10	121.91													
1050	76.94	114.26	122.65	142.23	117.08	142.23	142.23	142.23	117.08	142.23	142.23	142.23	142.23	117.08	142.23	142.23	142.23	142.23	142.23	117.08	142.23	142.23	142.23	142.23	117.08	142.23													
1200	87.95	124.84	136.50	163.72	127.91	163.72	163.72	163.72	127.91	163.72	163.72	163.72	163.72	127.91	163.72	163.72	163.72	163.72	163.72	127.91	163.72	163.72	163.72	163.72	127.91	163.72													
1350	100.49	143.36	155.20	182.84	146.88	182.84	182.84	182.84	146.88	182.84	182.84	182.84	182.84	146.88	182.84	182.84	182.84	182.84	182.84	146.88	182.84	182.84	182.84	182.84	146.88	182.84													
1500	112.06	165.63	176.90	203.18	169.70	203.18	203.18	203.18	169.70	203.18	203.18	203.18	203.18	169.70	203.18	203.18	203.18	203.18	203.18	169.70	203.18	203.18	203.18	203.18	169.70	203.18													
1650	126.70	231.16	247.37	217.75	190.93	217.75	217.75	217.75	190.93	217.75	217.75	217.75	217.75	190.93	217.75	217.75	217.75	217.75	217.75	190.93	217.75	217.75	217.75	217.75	190.93	217.75													
1800	140.38	256.48	275.04	234.54	210.62	234.54	234.54	234.54	210.62	234.54	234.54	234.54	234.54	210.62	234.54	234.54	234.54	234.54	234.54	210.62	234.54	234.54	234.54	234.54	210.62	234.54													
1950	151.22	304.57	316.41	253.97	243.63	253.97	253.97	253.97	243.63	253.97	253.97	253.97	253.97	243.63	253.97	253.97	253.97	253.97	253.97	243.63	253.97	253.97	253.97	253.97	243.63	253.97													
2100	162.06	327.01	341.84	283.28	262.72	283.28	283.28	283.28	262.72	283.28	283.28	283.28	283.28	262.72	283.28	283.28	283.28	283.28	283.28	262.72	283.28	283.28	283.28	283.28	262.72	283.28													
2250	179.82	353.61	406.17	362.95	283.91	322.30	362.95	362.95	283.91	322.30	322.30	322.30	322.30	283.91	322.30	322.30	322.30	322.30	322.30	283.91	322.30	322.30	322.30	322.30	283.91	322.30													
2400	197.57	390.93	446.46	387.39	302.89	355.06	387.39	387.39	302.89	355.06	355.06	355.06	355.06	302.89	355.06	355.06	355.06	355.06	355.06	302.89	355.06	355.06	355.06	355.06	302.89	355.06													
2550	211.81	429.79	479.18	444.54	391.93	395.65	444.54	444.54	391.93	395.65	395.65	395.65	395.65	391.93	395.65	395.65	395.65	395.65	395.65	391.93	395.65	395.65	395.65	395.65	391.93	395.65													
2700	226.05	455.10	507.39	453.91	414.98	442.34	453.91	453.91	414.98	442.34	442.34	442.34	442.34	414.98	442.34	442.34	442.34	442.34	442.34	414.98	442.34	442.34	442.34	442.34	414.98	442.34													
2850	269.15	480.38		479.13		478.85	479.13		478.85		478.85	478.85		478.85		478.85	478.85		478.85		478.85	478.85		478.85		478.85													
3000	312.26	505.67		504.35		539.90	504.35		539.90		539.90	539.90		539.90		539.90	539.90		539.90		539.90	539.90		539.90		539.90													
3150	389.42	530.96		529.56		638.09	529.56		638.09		638.09	638.09		638.09		638.09	638.09		638.09		638.09	638.09		638.09		638.09													
3300	400.59	556.23		554.78		649.52	554.78		649.52		649.52	649.52		649.52		649.52	649.52		649.52		649.52	649.52		649.52		649.52													
3450	411.75	581.51		580.00		660.95	580.00		660.95		660.95	660.95		660.95		660.95	660.95		660.95		660.95	660.95		660.95		660.95													
3600	415.52	606.80		605.21		672.35	605.21		672.35		672.35	672.35		672.35		672.35	672.35		672.35		672.35	672.35		672.35		672.35													
3750	512.22	632.08		630.43		683.82	630.43		683.82		683.82	683.82		683.82		683.82	683.82		683.82		683.82	683.82		683.82		683.82													
3900	608.93	657.37		655.65		701.48	655.65		701.48		701.48	701.48		701.48		701.48	701.48		701.48		701.48	701.48		701.48		701.48													
4050	703.53	695.46		662.84		750.33	662.84		750.33		750.33	750.33		750.33		750.33	750.33		750.33		750.33	750.33		750.33		750.33													
4200	798.13	721.21		695.33		757.39	695.33		757.39		757.39	757.39		757.39		757.39	757.39		757.39		757.39	757.39		757.39		757.39													
4350	858.37					818.12			818.12		818.12	818.12		818.12		818.12	818.12		818.12		818.12	818.12		818.12		818.12													
4500	917.13					835.52			835.52		835.52	835.52		835.52		835.52	835.52		835.52		835.52	835.52		835.52		835.52													
4650	948.04					874.60			874.60		874.60	874.60		874.60		874.60	874.60		874.60		874.60	874.60		874.60		874.60													
4800	978.96					890.68			890.68		890.68	890.68		890.68		890.68	890.68		890.68		890.68	890.68		890.68		890.68													
4950						927.86			927.86		927.86	927.86		927.86		927.86	927.86		927.86		927.86	927.86		927.86		927.86													
5100						965.04			965.04		965.04	965.04		965.04		965.04	965.04		965.04		965.04	965.04		965.04		965.04													

Outer Leaf (mm) Cavity (mm) Inner Leaf (mm) Loading	CAVITY 110												CAVITY 130												CAVITY 150											
	100												100												100											
	110-125												130-145												150-165											
	125-150												125-150												125-150											
Standard	Heavy	Extra Heavy	SL110 HD WIL	SL110 HDX WIL	SL110 XHD 225 WIL	SL110 CXHD 150 WIL	SL110 CXHD 225 WIL	SL110 WIL	SL110 HD WIL	SL110 HDX WIL	SL110 XHD 225 WIL	SL110 CXHD 150 WIL	SL110 CXHD 225 WIL	Standard	Heavy	Extra Heavy	SL130 WIL	SL130 HD WIL	SL130 HDX WIL	SL130 XHD 225 WIL	SL130 CXHD 150 WIL	SL130 CXHD 225 WIL	Standard	Heavy	Extra Heavy	SL150 WIL	SL150 HD WIL	SL150 HDX WIL	SL150 XHD 225 WIL	SL150 CXHD 150 WIL	SL150 CXHD 225 WIL					
16	77.30	114.94	116.55	96.25	85.53	116.11								96.16	124.26	126.66	107.04	104.91	129.11						108.73	130.47	133.40	114.23	117.83	137.78						
600	80.10	119.11	129.14	120.31	106.91	120.31								99.65	128.76	139.07	133.80	131.14	133.80						112.68	135.20	145.70	142.79	147.29	142.79						
750	96.39	141.96	154.90	144.39	128.31	144.39								106.50	142.36	156.83	160.55	155.41	150.20						113.24	142.63	158.12	171.33	173.47	154.07						
900	110.64	167.76	181.60	179.55	149.69	179.55								122.61	162.75	183.32	191.75	181.30	179.66						130.59	159.41	184.47	199.89	202.37	179.74						
1050	126.18	184.96	198.69	199.19	171.08	198.90								140.28	182.81	205.97	216.74	207.18	202.83						149.68	181.37	210.82	228.44	231.24	205.45						
1350	137.79	214.38	223.00	226.84	192.45	226.84								157.23	207.74	230.04	244.93	233.09	229.41						170.19	203.31	234.73	256.99	260.17	231.12						
1500	157.61	228.20	247.25	276.49	213.83	275.26								175.17	226.18	245.96	281.92	268.97	281.43						186.88	224.84	245.09	285.55	289.07	285.55						
1650	183.59	320.72	322.99	308.87	235.22	318.81								198.66	276.45	307.61	312.01	284.90	314.71						208.70	246.93	297.35	314.10	318.03	311.97						
1800	202.20	348.75	364.04	336.92	256.60	347.73								216.43	301.08	329.26	340.36	310.80	344.69						225.92	269.30	306.07	342.66	346.94	342.66						
1950	238.91	386.04	405.50	365.12	385.69	376.97								247.31	361.28	377.66	368.78	384.04	373.52						252.91	344.77	359.11	371.22	382.94	371.22						
2100	240.67	419.79	438.87	392.62	419.41	404.74								258.07	379.27	399.45	396.90	415.20	401.75						269.67	352.25	373.17	399.76	412.40	399.76						
2250	309.94	453.34	513.90	419.55	450.87	431.32								375.84	425.26	474.19	424.80	445.46	432.53						419.78	406.54	447.72	428.31	441.85	433.34						
2400	318.32	484.08	548.43	459.73	480.94	483.32								397.54	454.06	495.19	458.01	475.16	455.83						450.35	434.05	459.69	458.87	471.30	437.50						
2550	350.61	553.78	634.17	488.91	528.62	513.51								425.47	521.46	586.58	486.82	517.36	488.76						475.38	499.91	554.86	485.42	509.86	472.26						
2700	363.71	596.14	658.40	519.04	559.72	550.29								447.41	564.81	610.80	516.00	547.80	567.06						503.21	543.93	579.07	513.98	539.85	578.23						
2850	554.65	619.63		547.87		575.66								566.25	661.12		544.67		596.48						573.98	688.78		542.53		610.36						
3000	560.52	652.23		576.70		626.31								572.60	678.97		573.33		636.01						580.66	696.79		571.08		642.48						
3150	634.44	684.85		605.54		671.16								637.07	733.89		602.00		741.66						638.83	766.59		599.64		788.66						
3300	644.35	717.45		634.38		698.13								658.84	768.31		630.67		752.45						668.50	802.21		628.20		788.66						
3450	654.27	750.08		663.21		745.20								681.50	803.79		659.33		814.01						699.66	839.60		656.75		859.88						
3600	664.19	782.68		692.05		777.60								694.26	838.73		688.00		826.97						714.31	876.10		685.30		859.88						
3750	746.71	815.30		720.88		797.65								736.07	861.87		716.67		878.29						728.97	892.91		713.86		932.05						
3900	776.58	847.91		749.72		829.55								765.51	885.01		745.33		891.05						758.13	909.75		742.41		932.05						
4050	872.04	850.33		768.21		870.96								843.35	944.37		777.71		950.63						824.23	1,007.06		784.05		1,003.74						
4200	901.27	881.83		795.16		889.22								873.36	979.35		804.99		957.94						854.76	1,044.37		811.54		1,003.74						
4350	967.92					939.65								920.17					1,031.87						895.50					1,093.35						
4500	1,003.02					965.10								952.46					1,042.05						926.36					1,093.35						
4650	1,039.41					1,001.65								985.19					1,056.67						957.24					1,093.35						
4800	1,077.11					1,011.58								1,015.63					1,092.92						984.06					1,147.15						
4950						1,053.80													1,157.59											1,226.79						
5100						1,096.02													1,196.78											1,263.96						

CAVITY WOL 50 | 70 | 90 | 110 | 130 | 150

	CAVITY 50						CAVITY 70						CAVITY 90										
	125-150						125-150						125-150										
	50-65						70-85						90-105										
	100						100						100										
Outer Leaf (mm)	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy		
Cavity (mm)	SL50 WOL	SL50 HDX WOL	SL50 HDX 225 WOL	SL50 CXHD 150 WOL	SL50 CXHD 225 WOL	SL50 CXHD 225 WOL	SL70 WOL	SL70 HD WOL	SL70 HDX WOL	SL70 XHD 225 WOL	SL70 CXHD 150 WOL	SL90 WOL	SL90 HD WOL	SL90 HDX WOL	SL90 XHD 225 WOL	SL90 CXHD 150 WOL	SL90 WOL	SL90 HD WOL	SL90 HDX WOL	SL90 XHD 225 WOL	SL90 CXHD 225 WOL		
Inner Leaf (mm)	100						100						100										
Loading	100						100						100										
Lintel section	20						21						22										
Brochure Page	20						21						22										
600	52.18	62.62	76.18	107.83	109.97	109.97	52.82	63.38	87.29	143.07	140.47	60.21	72.25	87.78	124.01	85.53	60.21	72.25	87.78	124.01	85.53	134.74	
750	75.27	90.32	103.66	134.78	137.44	137.44	75.27	90.32	107.70	148.26	151.19	75.27	90.32	109.73	155.02	106.92	75.27	90.32	109.73	155.02	106.92	158.08	
900	88.29	105.95	122.69	161.75	164.95	164.95	88.29	105.95	127.55	177.95	181.47	88.29	105.95	129.97	186.03	128.31	88.29	105.95	129.97	186.03	128.31	189.70	
1050	104.12	124.93	144.07	188.73	192.45	192.45	104.12	124.93	149.73	207.58	211.67	104.12	124.93	152.56	217.03	149.68	104.12	124.93	152.56	217.03	149.68	221.31	
1200	119.44	143.32	165.03	215.69	219.94	219.94	119.44	143.32	171.51	237.27	241.95	119.44	143.32	174.73	248.03	171.07	119.44	143.32	174.73	248.03	171.07	252.93	
1350	134.00	160.79	185.34	242.61	247.41	247.41	134.00	160.79	192.61	266.86	272.13	134.00	160.79	196.27	279.04	192.45	134.00	160.79	196.27	279.04	192.45	284.55	
1500	149.15	178.98	206.17	269.60	274.92	274.92	149.15	178.98	214.29	296.67	302.42	149.15	178.98	218.29	310.02	213.84	149.15	178.98	218.29	310.02	213.84	316.13	
1650	191.57	229.87	249.86	296.49	302.34	302.34	193.44	232.12	260.32	326.11	332.55	193.44	232.12	264.79	341.03	235.22	193.44	232.12	264.79	341.03	235.22	347.77	
1800	206.82	248.18	270.75	323.42	329.80	329.80	206.82	248.18	280.46	355.77	362.79	206.82	248.18	285.34	372.05	256.60	206.82	248.18	285.34	372.05	256.60	379.40	
1950	219.81	263.77	289.73	350.31	357.23	357.23	219.81	263.77	300.24	385.35	392.96	219.81	263.77	305.55	403.04	385.68	219.81	263.77	305.55	403.04	385.68	410.98	
2100	236.81	284.17	312.10	377.26	384.71	384.71	236.81	284.17	323.41	414.98	423.17	236.81	284.17	329.07	433.82	419.42	236.81	284.17	329.07	433.82	419.42	442.38	
2250	298.83	358.60	382.85	439.42	448.10	448.10	322.07	386.49	415.55	483.34	492.88	322.07	386.49	422.12	505.26	450.87	322.07	386.49	422.12	505.26	450.87	505.27	
2400	323.62	388.35	412.43	468.60	477.87	477.87	343.07	411.68	442.83	515.52	525.69	343.07	411.68	449.86	538.94	480.94	343.07	411.68	449.86	538.94	480.94	538.95	
2550	364.93	437.91	455.93	497.96	507.79	507.79	364.93	437.91	470.86	547.75	558.56	364.93	437.91	478.32	572.62	503.45	364.93	437.91	478.32	572.62	503.45	572.63	
2700	382.66	459.19	479.61	527.25	537.65	537.65	382.66	459.19	495.43	580.00	591.44	382.66	459.19	503.33	606.32	533.07	382.66	459.19	503.33	606.32	533.07	606.32	
2850	426.51	511.81	548.91	548.91	606.55	606.55	426.51	511.81	595.75	667.21	667.21	426.51	511.81	621.27	640.01	640.01	426.51	511.81	621.27	640.01	640.01	640.01	
3000	438.19	525.83	579.57	579.57	638.47	638.47	438.19	525.83	611.50	702.29	702.29	438.19	525.83	636.22	734.24	734.24	438.19	525.83	636.22	734.24	734.24	734.24	
3150	459.91	551.89	592.23	592.23	670.37	670.37	459.91	551.89	627.25	737.40	737.40	459.91	551.89	651.17	770.89	770.89	459.91	551.89	651.17	770.89	770.89	770.89	
3300	482.51	579.01	613.89	613.89	702.29	702.29	482.51	579.01	643.00	772.51	772.51	482.51	579.01	666.12	807.60	807.60	482.51	579.01	666.12	807.60	807.60	807.60	
3450	504.38	605.26	635.56	635.56	734.17	734.17	504.38	605.26	658.75	807.60	807.60	504.38	605.26	681.07	844.32	844.32	504.38	605.26	681.07	844.32	844.32	844.32	
3600	526.32	631.57	657.21	657.21	766.09	766.09	526.32	631.57	674.50	842.71	842.71	526.32	631.57	696.02	881.03	881.03	526.32	631.57	696.02	881.03	881.03	881.03	
3750	534.92	641.91	678.84	678.84	888.58	888.58	549.67	659.62	715.99	977.46	977.46	549.67	659.62	725.99	925.99	925.99	549.67	659.62	725.99	925.99	925.99	925.99	
3900	556.32	667.58	705.99	705.99	924.13	924.13	571.66	686.00	747.38	1,016.56	1,016.56	571.66	686.00	752.38	1,036.38	1,036.38	571.66	686.00	752.38	1,036.38	1,036.38	1,036.38	
4050	579.30	695.46	742.38	742.38	968.94	968.94	586.09	714.09	778.77	1,094.75	1,094.75	586.09	714.09	778.77	1,144.55	1,144.55	586.09	714.09	778.77	1,144.55	1,144.55	1,144.55	
4200	608.97	721.21	778.77	778.77	1,001.75	1,001.75	607.34	740.53	807.60	1,144.63	1,144.63	607.34	740.53	807.60	1,185.43	1,185.43	607.34	740.53	807.60	1,185.43	1,185.43	1,185.43	
4350	653.73				1,040.56	1,040.56	676.00			1,184.10	1,184.10	676.00			1,226.30	1,226.30	676.00			1,226.30	1,226.30	1,226.30	
4500	698.48				1,076.43	1,076.43	696.59			1,223.48	1,223.48	696.59			1,279.09	1,279.09	696.59			1,279.09	1,279.09	1,279.09	
4650	722.02				1,112.25	1,112.25	717.53			1,262.95	1,262.95	717.53			1,320.35	1,320.35	717.53			1,320.35	1,320.35	1,320.35	
4800	745.57				1,148.13	1,148.13	743.56			1,339.82	1,339.82	743.56			1,469.80	1,469.80	743.56			1,469.80	1,469.80	1,469.80	
4950					1,231.23	1,231.23				1,403.46	1,403.46												
5100					1,280.57	1,280.57																	

	CAVITY 110										CAVITY 130										CAVITY 150									
	125-150					110-125					125-150					130-145					125-150					150-165				
	100					100					100					100					100					100				
Outer Leaf (mm)	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy					
Cavity (mm)	SL110 WOL	SL110 HD WOL	SL110 HDX WOL	SL110 XHD 225 WOL	SL110 CXHD 150 WOL	SL110 CXHD 225 WOL	SL110 HD WOL	SL110 HDX WOL	SL110 XHD 225 WOL	SL110 CXHD 150 WOL	SL130 WOL	SL130 HD WOL	SL130 HDX WOL	SL130 XHD 225 WOL	SL130 CXHD 150 WOL	SL130 CXHD 225 WOL	SL150 WOL	SL150 HD WOL	SL150 HDX WOL	SL150 XHD 225 WOL	SL150 WOL	SL150 HD WOL	SL150 HDX WOL	SL150 XHD 225 WOL	SL150 CXHD 150 WOL	SL150 CXHD 225 WOL				
Inner Leaf (mm)																														
Loading	23					24					25					25					25					25				
600	63.22	75.86	92.17	121.98	89.81	139.71	70.06	112.54	116.91	120.75	110.15	142.69	74.62	136.99	133.40	119.94	123.72	144.68												
750	79.03	94.84	115.22	152.47	112.27	154.00	88.14	123.11	133.51	150.94	137.70	151.55	94.21	141.96	145.70	149.92	154.65	149.92												
900	92.70	111.25	136.47	182.96	134.73	184.79	105.03	134.36	149.46	181.12	165.24	181.85	113.24	149.76	158.12	179.89	185.58	179.89												
1050	109.33	131.18	160.19	213.46	157.16	215.60	122.09	169.00	174.76	211.32	192.77	212.17	130.59	194.22	184.47	209.89	216.51	209.89												
1200	125.41	150.49	183.47	243.95	179.62	246.40	139.97	179.99	199.88	241.50	220.31	242.48	149.68	199.66	210.82	239.87	247.44	239.87												
1350	140.70	168.83	206.08	274.44	202.07	277.19	158.39	212.04	223.27	271.68	247.85	272.78	170.19	240.84	234.73	269.84	278.37	269.84												
1500	156.61	187.93	229.21	304.93	224.53	307.98	174.77	224.94	238.74	301.87	275.39	303.09	186.88	249.61	245.09	299.83	309.29	299.83												
1650	203.11	243.73	278.03	335.42	246.98	338.79	206.47	272.01	289.62	332.05	302.92	333.40	208.70	290.86	297.35	329.81	340.22	329.81												
1800	217.16	260.59	299.61	365.93	269.43	369.60	222.41	284.19	303.49	362.25	330.47	363.72	225.92	299.93	306.07	359.80	371.16	359.80												
1950	230.80	276.96	320.83	396.41	404.96	400.38	244.06	327.99	343.80	392.43	403.24	394.02	252.91	362.01	359.11	389.78	402.09	389.78												
2100	248.65	298.38	345.52	426.79	440.39	431.06	261.26	341.26	362.11	422.56	435.97	424.28	269.67	369.85	373.17	419.75	433.02	419.75												
2250	338.17	405.81	443.23	477.50	473.41	505.61	399.74	479.69	445.92	460.84	467.72	505.81	440.78	528.94	447.72	449.73	463.93	505.95												
2400	360.22	432.26	472.35	509.33	504.99	539.33	423.96	513.37	464.76	491.56	498.91	539.55	466.45	567.44	459.69	479.71	494.86	539.70												
2550	383.18	459.81	502.24	541.16	528.62	573.03	452.76	543.31	533.81	522.28	525.56	573.27	499.15	598.98	554.86	509.69	523.51	573.43												
2700	401.79	482.15	528.50	573.00	559.72	606.73	477.74	573.29	568.84	553.01	556.48	606.98	528.37	634.05	579.07	539.68	554.31	607.14												
2850	447.84	537.40	595.47	595.47	640.44	640.44	516.74	648.89	579.98	579.98	640.70	640.70	562.67	723.22	640.87	569.66	640.87	640.87												
3000	460.10	552.12	617.93	617.93	704.43	704.43	533.30	659.83	606.96	606.96	686.54	686.54	582.10	731.63	674.61	599.64	674.61	674.61												
3150	482.91	579.48	640.40	640.40	811.63	811.63	595.63	714.75	633.93	633.93	836.07	836.07	670.78	804.92	682.36	629.62	682.36	682.36												
3300	506.64	607.96	662.86	662.86	850.27	850.27	623.81	748.57	660.90	660.90	875.87	875.87	701.92	842.31	692.94	659.60	692.94	692.94												
3450	541.67	650.02	685.33	685.33	888.93	888.93	657.46	788.95	687.89	687.89	915.69	915.69	734.65	881.57	733.53	689.59	733.53	733.53												
3600	565.24	678.28	707.80	707.80	927.58	927.58	686.05	823.25	714.86	714.86	955.50	955.50	766.59	919.90	749.12	719.57	749.12	749.12												
3750	588.78	706.55	730.26	730.26	1,018.29	1,018.29	694.76	833.72	741.83	741.83	1,016.14	1,016.14	765.42	918.50	1,014.71	749.55	749.55	749.55												
3900	612.34	734.80	752.76	752.76	1,059.03	1,059.03	722.56	867.06	768.82	768.82	1,056.79	1,056.79	796.04	955.24	1,055.30	779.53	779.53	779.53												
4050	664.44	761.90	778.71	778.71	1,099.77	1,099.77	773.07	925.18	794.52	794.52	1,097.42	1,097.42	845.50	1,034.03	1,095.86	805.05	805.05	805.05												
4200	688.54	790.12	806.03	806.03	1,140.50	1,140.50	808.02	959.45	822.38	822.38	1,138.07	1,138.07	887.68	1,072.34	1,136.45	833.28	833.28	833.28												
4350	737.15				1,191.05	1,191.05	846.55				1,194.42	1,194.42	919.48		1,196.67			1,196.67												
4500	763.89				1,232.12	1,232.12	876.26				1,235.61	1,235.61	951.18		1,237.94			1,237.94												
4650	791.60				1,268.66	1,268.66	906.37				1,262.39	1,262.39	982.88		1,258.22			1,258.22												
4800	820.32				1,309.58	1,309.58	934.38				1,303.12	1,303.12	1,010.42		1,298.81			1,298.81												
4950					1,408.48	1,408.48					1,371.69	1,371.69			1,347.16			1,347.16												
5100					1,513.66	1,513.66					1,446.15	1,446.15			1,401.14			1,401.14												

CAVITY SOL 50 | 70 | 90 | 110 | 130 | 150

	CAVITY 50										CAVITY 70										CAVITY 90																			
	100					50-65					100					100					70-85					100					100					90-105				
	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy										
SL50 SOL	SL50 HD SOL	SL50 HDX SOL	SL50 XHD 225 SOL	SL50 CXHD 150 SOL	SL50 CXHD 225 SOL	SL50 SOL	SL50 HD SOL	SL50 HDX SOL	SL50 XHD 225 SOL	SL50 CXHD 150 SOL	SL50 CXHD 225 SOL	SL70 SOL	SL70 HD SOL	SL70 HDX SOL	SL70 XHD 225 SOL	SL70 CXHD 150 SOL	SL70 CXHD 225 SOL	SL70 SOL	SL70 HD SOL	SL70 HDX SOL	SL70 XHD 225 SOL	SL70 CXHD 150 SOL	SL70 CXHD 225 SOL	SL90 SOL	SL90 HD SOL	SL90 HDX SOL	SL90 XHD 225 SOL	SL90 CXHD 150 SOL	SL90 CXHD 225 SOL											
Lintel section	27																																							
Brochure Page	28																																							
600	49.52	60.16	64.96	76.15	65.52	83.94	60.16	65.05	76.45	66.85	83.94	49.52	60.16	65.05	76.45	66.85	83.94	49.52	60.16	65.05	76.45	66.85	83.94	51.68	70.16	74.00	82.95	67.89	92.00											
750	51.32	62.34	72.20	95.19	72.40	88.37	62.34	72.31	95.57	73.07	88.37	51.32	62.34	72.31	95.57	73.07	88.37	51.32	62.34	72.31	95.57	73.07	88.37	53.55	72.70	81.99	103.68	84.85	93.79											
900	62.02	71.55	84.35	114.23	79.28	105.99	71.55	84.49	114.67	79.29	105.99	62.02	71.55	84.49	114.67	79.29	105.99	62.02	71.55	84.49	114.67	79.29	105.99	64.38	87.18	98.35	124.42	95.97	109.74											
1050	72.36	83.90	98.91	133.92	91.33	123.66	83.90	101.00	140.90	92.91	123.66	72.36	83.90	101.00	140.90	92.91	123.66	72.36	83.90	101.00	140.90	92.91	123.66	75.15	102.99	115.30	144.02	112.55	134.83											
1200	82.33	95.45	112.34	151.75	102.76	141.37	95.45	114.62	159.35	105.48	141.37	82.33	95.45	114.62	159.35	105.48	141.37	82.33	95.45	114.62	159.35	105.48	141.37	86.01	110.22	126.15	163.33	128.65	149.34											
1350	94.86	109.67	128.34	171.91	117.47	159.08	109.67	128.95	173.95	119.83	159.08	94.86	109.67	128.95	173.95	119.83	159.08	94.86	109.67	128.95	173.95	119.83	159.08	98.06	123.93	141.59	182.78	144.66	158.81											
1500	105.47	121.98	141.85	188.20	140.18	176.64	121.98	142.53	190.48	151.28	176.64	105.47	121.98	142.53	190.48	151.28	176.64	105.47	121.98	142.53	190.48	151.28	176.64	109.10	137.60	156.99	202.22	166.12	176.39											
1650	113.74	152.29	164.91	194.37	170.05	194.37	152.29	164.91	194.37	183.83	194.37	113.74	152.29	164.91	194.37	183.83	194.37	113.74	152.29	164.91	194.37	183.83	194.37	117.61	155.43	170.89	206.97	186.69	206.97											
1800	133.47	171.06	183.36	212.05	189.79	212.05	171.06	183.36	212.05	200.53	212.05	133.47	171.06	183.36	212.05	200.53	212.05	133.47	171.06	183.36	212.05	200.53	212.05	137.53	184.43	192.61	211.71	203.65	211.71											
1950	146.08	185.30	197.76	226.83	218.17	226.82	185.30	197.75	226.83	217.24	226.82	146.08	185.29	197.75	226.83	217.24	226.82	146.08	185.29	197.75	226.83	217.24	226.82	149.10	200.23	214.55	247.96	220.62	247.96											
2100	152.77	199.82	213.65	245.92	242.79	245.92	199.82	213.65	245.92	243.81	245.92	152.77	199.82	213.65	245.92	243.81	245.92	152.77	199.82	213.65	245.92	243.81	245.92	161.04	215.86	232.21	270.35	246.96	270.35											
2250	173.98	237.72	253.86	291.51	255.58	291.51	237.72	253.86	291.51	262.83	291.51	173.98	237.72	253.86	291.51	262.83	291.51	173.98	237.72	253.86	291.51	262.83	291.51	185.82	261.35	271.91	296.54	287.75	296.54											
2400	188.50	265.34	279.04	310.99	301.42	310.99	265.34	279.03	310.99	303.43	310.99	188.49	265.33	279.03	310.99	303.43	310.99	188.49	265.33	279.03	310.99	303.43	310.99	197.25	278.96	290.17	316.34	308.43	316.34											
2550	210.63	286.25	299.49	330.37	349.94	320.86	286.25	299.49	330.37	335.64	330.37	210.63	286.25	299.49	330.37	335.64	330.37	210.63	286.25	299.49	330.37	335.64	330.37	216.73	314.09	335.54	385.58	335.63	385.58											
2700	226.05	303.10	317.12	349.82	370.52	349.82	303.10	317.12	349.82	355.38	349.82	226.05	303.10	317.12	349.82	355.38	349.82	226.05	303.10	317.12	349.82	355.38	349.82	236.21	322.82	348.36	407.95	355.38	407.95											
2850	276.81	325.16	369.26	369.47	369.47	369.47	325.16	369.26	369.47	369.47	369.47	276.81	325.16	369.26	369.47	369.47	369.47	276.81	325.16	369.26	369.47	369.47	369.47	283.14	351.23	430.61	430.61	430.61	442.30											
3000	294.50	336.95	388.69	418.24	418.24	418.24	336.95	388.69	418.24	418.24	418.24	294.50	336.95	388.69	418.24	418.24	418.24	294.50	336.95	388.69	418.24	418.24	418.24	304.48	364.55	453.28	453.28	453.28	476.63											
3150	323.09	421.75	408.12	449.99	449.99	449.99	421.75	408.12	449.99	461.86	449.99	323.09	421.75	408.12	449.99	461.86	449.99	323.09	421.75	408.12	449.99	461.86	449.99	334.10	460.46	475.94	475.94	506.45												
3300	334.81	437.05	427.56	481.75	481.75	481.75	437.05	427.56	481.75	482.37	481.75	334.81	437.05	427.56	481.75	482.37	481.75	334.81	437.05	427.56	481.75	482.37	481.75	346.22	477.16	498.60	498.60	530.50												
3450	359.49	460.17	446.99	502.74	502.74	502.74	460.17	446.99	502.74	502.74	502.74	359.49	460.17	446.99	502.74	502.74	502.74	359.49	460.17	446.99	502.74	502.74	502.74	361.62	532.37	521.27	521.27	554.61												
3600	372.53	476.86	466.43	524.59	524.59	524.59	476.86	466.43	524.59	514.54	524.59	372.53	476.86	466.43	524.59	514.54	524.59	372.53	476.86	466.43	524.59	514.54	524.59	377.34	555.52	543.93	543.93	578.72												
3750	469.61	577.02	485.86	580.72	580.72	580.72	577.02	485.86	580.72	585.77	580.72	469.61	577.02	485.86	580.72	585.77	580.72	469.61	577.02	485.86	580.72	585.77	580.72	482.54	599.88	566.60	566.60	602.87												
3900	486.64	597.95	505.29	603.95	603.95	603.95	597.95	505.29	603.95	609.20	603.95	486.64	597.95	505.29	603.95	609.20	603.95	486.64	597.95	505.29	603.95	609.20	603.95	501.84	623.88	589.27	589.27	626.98												
4050	503.74	620.95	624.88	624.88	624.88	624.88	620.95	624.88	624.88	624.88	624.88	503.74	620.95	624.88	624.88	624.88	624.88	503.74	620.95	624.88	624.88	624.88	624.88	550.26	647.87	570.22	570.22	643.10												
4200	529.54	643.94	670.41	670.41	670.41	670.41	643.94	670.41	670.41	697.01	670.41	529.54	643.94	670.41	670.41	697.01	670.41	529.54	643.94	670.41	670.41	697.01	670.41	570.22	671.87	570.22	570.22	717.37												
4350	568.46	722.76	722.76	722.76	722.76	722.76	722.76	722.76	722.76	722.76	722.76	568.46	722.76	722.76	722.76	722.76	722.76	568.46	722.76	722.76	722.76	722.76	722.76	610.48	743.87	610.48	610.48	743.87												
4500	607.37	748.06	748.06	748.06	748.06	748.06	748.06	748.06	748.06	748.06	748.06	607.37	748.06	748.06	748.06	748.06	748.06	607.37	748.06	748.06	748.06	748.06	748.06	632.62	769.64	632.62	632.62	769.64												
4650	627.84	772.74	772.74	772.74	772.74	772.74	772.74	772.74	772.74	772.74	772.74	627.84	772.74	772.74	772.74	772.74	772.74	627.84	772.74	772.74	772.74	772.74	772.74	655.57	795.31	655.57	655.57	795.31												
4800	648.32	787.93	787.93	787.93	787.93	787.93	787.93	787.93	787.93	797.61	787.93	648.32	787.93	787.93	787.93	797.61	787.93	648.32	787.93	787.93	787.93	797.61	787.93	679.35	820.88	679.35	679.35	820.88												
4950		820.82	820.82	820.82	820.82	820.82	820.82	820.82	820.82	837.39	820.82		820.82	820.82	820.82	837.39	820.82		820.82	820.82	820.82	837.39	820.82					918.63												
5100		853.71	853.71	853.71	853.71	853.71	853.71	853.71	853.71	877.16	853.71		853.71	853.71	853.71	877.16	853.71		853.71	853.71	853.71	877.16	853.71					1,016.37												

	CAVITY 110										CAVITY 130										CAVITY 150									
	100										100										100									
	110-125										130-145										150-165									
Outer Leaf (mm)	100										100										100									
Cavity (mm)	110-125										130-145										150-165									
Inner Leaf (mm)	100										100										100									
Loading	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Standard	Heavy	Extra Heavy	Extra Heavy	Extra Heavy									
	SL110 SOL	SL110 HD SOL	SL110 HDX SOL	SL110 XHD SOL	SL110 CXHD 150 SOL	SL110 CXHD 225 SOL	SL110 SOL	SL110 HD SOL	SL110 HDX SOL	SL110 XHD SOL	SL110 CXHD 150 SOL	SL110 CXHD 225 SOL	SL130 SOL	SL130 HD SOL	SL130 HDX SOL	SL130 XHD SOL	SL130 CXHD 150 SOL	SL150 SOL	SL150 HD SOL	SL150 HDX SOL	SL150 XHD SOL	SL150 CXHD 225 SOL								
Lintel section																														
Brochure Page	30										31										32									
600	54.26	73.67	77.70	87.10	71.28	96.60	81.02	104.86	102.54	97.14	92.78	113.80	98.85	125.65	119.11	103.84	107.11	125.26												
750	56.23	76.34	86.09	108.86	89.09	98.48	83.95	108.66	112.49	121.43	115.97	117.27	102.43	130.21	130.09	129.80	133.89	129.80												
900	67.60	91.54	103.27	130.64	100.77	115.23	91.87	117.57	126.01	145.71	123.26	139.54	108.05	134.93	141.18	155.75	138.26	155.75												
1050	78.91	108.14	121.06	151.22	118.18	141.57	110.47	137.70	147.25	169.52	144.04	165.66	131.52	157.41	164.70	181.72	161.28	181.72												
1200	90.31	115.73	132.46	171.50	135.09	156.81	122.56	154.23	165.92	193.20	164.63	187.32	144.06	179.90	188.23	207.67	184.32	207.67												
1350	102.96	130.13	148.66	191.92	151.90	166.75	142.64	171.61	185.21	216.95	185.18	206.88	169.09	199.27	209.58	233.63	207.37	233.63												
1500	114.56	144.48	164.84	212.33	174.42	185.21	153.88	178.61	197.23	240.69	208.02	229.84	180.10	201.37	218.83	259.59	230.41	259.59												
1650	123.49	163.20	179.44	217.32	196.02	217.32	173.39	219.42	231.07	258.26	230.47	258.26	206.65	256.89	265.49	285.56	253.44	285.56												
1800	144.41	193.65	202.24	222.30	213.83	222.30	187.20	231.60	244.87	275.83	251.43	275.83	215.74	256.89	273.28	311.52	276.49	311.52												
1950	156.56	210.24	225.28	260.36	231.65	260.36	213.92	272.15	282.49	306.62	301.53	306.62	252.16	313.42	320.63	337.46	348.12	337.46												
2100	169.09	226.65	243.82	283.87	259.31	283.87	227.75	282.80	297.44	331.60	328.66	331.60	266.85	320.23	333.19	363.42	374.90	363.42												
2250	195.11	274.42	285.50	311.37	302.14	311.37	302.99	352.28	354.05	358.17	361.86	387.38	374.90	404.19	399.75	389.38	401.68	436.06												
2400	207.11	292.91	304.68	332.16	323.85	332.16	317.46	362.17	368.14	382.07	386.62	413.22	391.02	408.34	410.44	415.34	428.46	467.26												
2550	227.57	329.79	352.31	404.86	352.41	404.86	350.32	443.08	438.17	426.72	414.10	459.83	432.16	518.60	495.41	441.29	455.23	496.47												
2700	248.02	338.96	365.78	428.35	373.15	428.35	373.69	458.60	456.53	451.69	438.47	486.74	457.47	538.36	517.03	467.25	482.01	525.67												
2850	297.30	368.79		452.14		464.42	427.10	506.61	476.78	476.78	458.47	518.69	513.64	598.49	493.21	493.21	554.87													
3000	319.70	382.78		475.94		500.46	444.61	530.76	501.88	501.88	486.67	550.63	527.88	629.41	519.17	519.17	584.08													
3150	350.81	483.48		499.74		531.77	488.77	611.53	526.97	526.97	505.49	655.49	580.75	696.90	545.13	545.13	737.97													
3300	363.53	501.02		523.53		557.03	498.63	637.97	552.06	552.06	536.67	686.67	588.70	729.27	571.08	571.08	773.10													
3450	379.70	558.99		547.33		582.34	533.52	674.32	577.16	577.16	565.49	717.89	636.06	751.20	597.04	597.04	808.25													
3600	396.21	583.30		571.13		607.66	546.56	697.27	602.25	602.25	586.67	749.10	646.79	773.25	623.00	623.00	843.39													
3750	506.67	629.87		594.93		633.01	608.48	729.09	627.35	627.35	605.44	780.33	676.36	795.24	648.96	648.96	878.54													
3900	526.93	655.07		618.73		658.33	624.30	758.26	652.44	652.44	633.01	811.54	689.21	827.05	674.91	674.91	913.68													
4050	577.77	680.26				675.26	672.24	811.60			658.33	839.38	735.21	899.16			948.80													
4200	598.73	705.46				753.24	702.63	841.67			717.89	891.67	771.89	932.47			983.95													
4350	641.00					781.06	736.13				717.89	934.07	799.55				1,036.08													
4500	664.25					808.12	761.97				717.89	966.33	827.11				1,071.81													
4650	688.35					835.08	788.15				717.89	987.65	854.68				1,089.37													
4800	713.32					861.92	812.50				717.89	1,019.48	878.62				1,124.51													
4950						964.56					717.89	1,088.69					1,171.45													
5100						1,067.19					717.89	1,157.90					1,218.38													

	TIMBER FRAME 50						TIMBER FRAME 70						TIMBER FRAME 90					
	SL50 TF		SL50 TF		SL50 TF		SL70 TF		SL70 TF		SL70 TF		SL90 TF		SL90 TF		SL90 TF	
	HD	SOL	HD SOL	WOL	HD WOL	HD WOL	HD	SOL	HD SOL	WOL	HD WOL	HD	SOL	HD SOL	WOL	HD WOL	HD WOL	
Outer Leaf (mm)	26.73	23.24	26.73	29.05	33.41	28.16	24.49	28.16	30.61	32.39	25.53	22.20	25.53	27.75	29.36			
Cavity (mm)	27.70	24.09	27.70	30.11	34.63	29.19	25.38	29.19	31.73	33.57	32.08	27.90	32.08	34.87	36.90			
Inner Leaf (mm)	33.22	28.89	33.22	36.11	41.53	35.02	30.45	35.02	38.06	40.27	38.05	33.09	38.05	41.36	43.76			
>Loading	38.62	33.58	38.62	41.98	48.28	40.83	35.50	40.83	44.38	46.95	44.69	38.86	44.69	48.58	51.39			
Lintel section	44.32	38.54	44.32	47.93	55.12	46.64	40.56	46.64	50.70	53.64	51.09	44.43	51.09	55.54	58.76			
	51.87	45.10	51.87	56.38	64.84	66.18	57.55	66.18	71.94	76.11	61.03	53.07	61.03	66.33	70.18			
Brochure Page	49.28	56.67	49.28	61.60	70.84	73.53	63.94	73.53	79.93	84.56	67.06	58.31	67.06	72.89	77.12			
600	61.26	70.45	61.26	76.58	88.07	87.71	76.27	87.71	95.34	100.87	80.96	70.40	80.96	88.00	93.10			
750	66.85	76.88	66.85	83.56	96.09	95.69	83.21	95.69	104.01	110.05	88.41	76.88	88.41	96.10	101.68			
900	75.94	87.33	75.94	94.93	109.17	103.66	90.14	103.66	112.68	119.21	100.88	87.72	100.88	109.65	116.01			
1050	82.23	94.56	82.23	102.79	118.21	111.64	97.08	111.64	121.35	128.39	110.51	96.09	110.51	120.12	127.09			
1200	101.02	116.17	101.02	126.28	145.22	119.63	104.03	119.63	130.04	137.58	134.65	117.08	134.65	146.35	154.84			
1350	110.76	127.37	110.76	138.45	159.22	127.58	110.94	127.58	138.68	146.72	146.51	127.40	146.51	159.25	168.49			
1500	121.32	139.52	121.32	151.65	174.40	196.02	170.45	196.02	225.64	225.42	168.73	146.72	168.73	183.40	194.04			
1650	128.51	147.79	128.51	160.64	184.74	207.59	180.51	207.59	238.14	238.72	178.58	155.29	178.58	194.11	205.37			
1800	171.03	196.68	171.03	213.79	245.86	219.09	190.51	219.09	250.66	251.95	230.26	200.23	230.26	250.28	264.80			
1950	179.70	206.66	179.70	224.63	258.32	260.91	226.88	260.91	283.60	283.60	256.23	222.81	256.23	278.51	294.66			
2100	190.16	218.68	190.16	237.70	273.36	273.34	237.69	273.34	297.11	314.35	270.08	234.85	270.08	293.56	310.59			
2250	198.49	228.26	198.49	248.11	285.33	285.74	248.47	285.74	310.59	328.60	284.84	234.85	284.84	327.57	346.70			
2400	274.20	315.33	274.20	342.75	394.16	298.17	259.28	298.17	324.10	342.90	327.57	284.84	327.57	356.05	376.70			
2550	286.13	329.05	286.13	357.66	411.31	339.95	295.61	339.95	369.51	390.94	338.83	304.83	338.83	385.05	418.54			
2700	307.13	353.20	307.13	383.91	441.50	339.95	295.61	339.95	369.51	390.94	350.14	304.83	350.14	402.66	437.68			
2850	319.42	367.33	319.42	399.28	459.17	353.56	307.44	353.56	384.30	406.59	365.45	304.83	365.45	420.27	456.81			
3000	344.79	396.51	344.79	430.99	495.64	371.85	323.35	371.85	404.18	427.62	417.64	304.83	417.64	480.28	522.04			
3150	344.79	396.51	344.79	430.99	495.64	390.14	339.25	390.14	424.06	448.66	469.82	304.83	469.82	540.29	587.28			
3300	369.20	424.58	369.20	461.50	530.72	407.53	354.38	407.53	442.97	468.66	490.79	304.83	490.79	564.40	613.48			
3450	369.20	424.58	369.20	461.50	530.72	424.93	369.50	424.93	461.88	488.66	511.75	304.83	511.75	588.51	639.69			
3600	393.93	453.02	393.93	492.42	566.28	435.36	378.58	435.36	473.22	500.67	524.34	304.83	524.34	602.99	655.43			
3750	393.93	453.02	393.93	492.42	566.28	445.80	387.65	445.80	484.56	512.67	536.93	304.83	536.93	617.47	671.16			
3900																		
4050																		
4200																		
4350																		
4500																		
4650																		
4800																		
4950																		
5100																		

EXTERNAL SOLID WALL				
Standard	Heavy	Standard	Heavy	Heavy
SL200 BOX	SL200 BOX HD	SL200 T	SL200 CH	
48				
57.62	95.55	50.75	98.25	
59.70	99.02	52.93	101.80	
71.91	118.66	63.56	122.19	
83.98	138.41	74.29	142.55	
94.34	158.44	84.20	162.94	
108.25	177.98	94.94	183.30	
118.26	197.87	105.77	203.64	
132.49	217.65	120.35	223.99	
144.54	237.35	132.08	244.36	
171.72	256.99	146.70	264.72	
184.71	277.08	162.50	285.10	
197.81	296.65	174.19	305.43	
210.90	316.38	185.97	325.73	
225.57	336.19	197.78	346.07	
238.24	356.01	208.51	366.44	
351.80		257.43	422.14	
370.47		270.99	444.37	
389.14			467.71	
407.80			491.06	
426.60			513.36	
445.15			535.69	
463.98			621.24	
482.54			646.08	
555.99			688.75	
574.90			731.42	
621.24			800.79	
667.58			870.16	
689.85			899.16	
712.11			928.15	
756.84			957.15	
801.57			986.15	

INTERNAL SOLID WALL									
Standard	Standard	Heavy	Standard	Heavy	Standard	Heavy	Standard	Heavy	Light
SL75 BOX	SL100 BOX	SL100 BOX HD	SL100 BOX XHD	SL140 BOX HD	SL140 BOX	SL140 BOX HD	SL140 BOX XHD	SL75 INT	SL100 INT
45	46							mm	mm
30.08	35.59	41.37	78.69	51.76	44.98	83.06	10.93	12.89	
30.08	36.89	42.88	98.35	53.63	46.61	103.79	11.41	15.30	
36.43	43.06	49.85	118.04	63.02	56.25	124.52	13.81	17.04	
40.54	51.03	54.67	137.71	72.66	63.20	145.36			
46.52	56.72	59.18	162.64	87.79	74.80	166.15			
54.95	65.21	70.50	177.91	94.28	84.34	186.80			
61.32	71.01	73.96	194.24	107.70	93.43	207.57			
67.61	93.46	138.36	196.76	149.29	103.85	228.32			
72.51	101.70	141.08	216.45	163.51	113.12	249.09			
	111.77	150.97	236.12	178.46	134.37	269.85			
	120.18	163.93	255.79	191.33	144.64	290.56			
	134.11	178.77	275.43	202.21	154.74	311.35			
	143.17	195.98	295.14	208.81	165.04	332.13			
	152.55	199.66	314.77	222.13	175.28	352.89			
	161.73	213.16	334.48	235.59	185.43	373.66			
	248.68	327.57		412.78	277.16				
	261.54	344.77		434.53	291.95				
	287.39	362.02		456.28	306.84				
	295.66	379.27		478.02	321.73				
	301.18	387.42		499.72	335.88				
	314.26	395.57		521.42	350.48				
	383.05	635.82		752.24	417.26				
	398.37	876.07		983.06	433.95				
	413.84	909.76		1,020.87	450.44				
	429.31	943.45		1,058.67	466.91				
	469.55	984.70		1,105.95	514.08				
	509.80	1,025.94		1,153.23	561.26				
	527.57	1,052.08		1,181.59	579.95				
	545.33	1,078.22		1,209.95	598.64				
	583.75				649.22				
	622.17				699.80				

Lintel section

Brochure Page

600

750

900

1050

1200

1350

1500

1650

1800

1950

2100

2250

2400

2550

2700

2850

3000

3150

3300

3450

3600

3750

3900

4050

4200

4350

4500

4650

4800

4950

5100

ROLLED STEEL SECTIONS

ROLLED STEEL SECTIONS												
Outer Leaf (mm)	70-85	90-100	110-125	130-145	150-165	50-65	70-85	90-100	110-125	130-145	150-165	150-165
Cavity (mm)												
Inner Leaf (mm)	70-85	90-100	110-125	130-145	150-165	50-65	70-85	90-100	110-125	130-145	150-165	150-165
Loading	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy	Extra Heavy
Lintel section	SL70/RS	SL90/RS	SL110/RS	SL130/RS	SL150/RS	SL50/RSC	SL70/RSC	SL90/RSC	SL110/RSC	SL130/RSC	SL150/RSC	SL150/RSC
Brochure Page	34	35	35	35	35	35	35	35	35	35	35	35
600	378.43	381.98	434.90	456.64	503.34	534.47	689.37	689.37	723.83	734.16	741.04	741.04



NOTES



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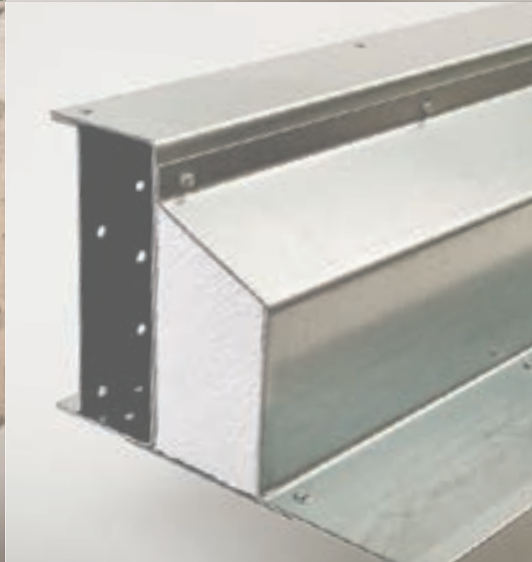
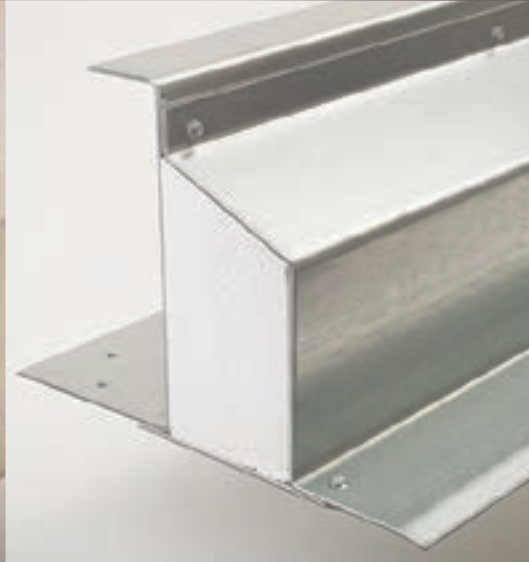
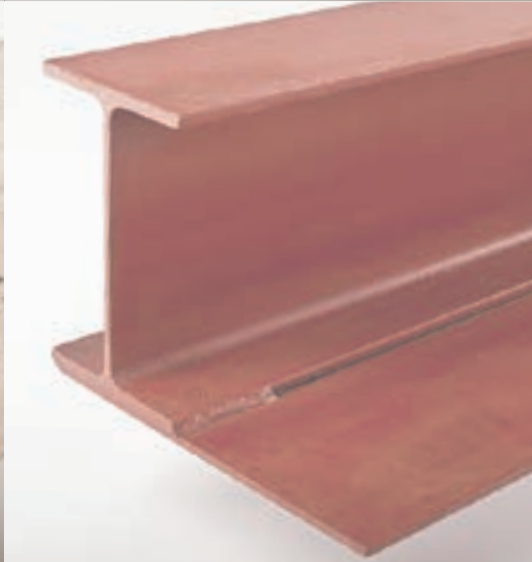
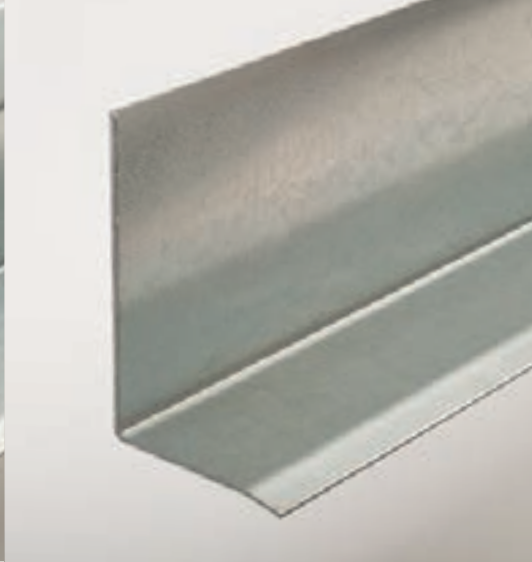
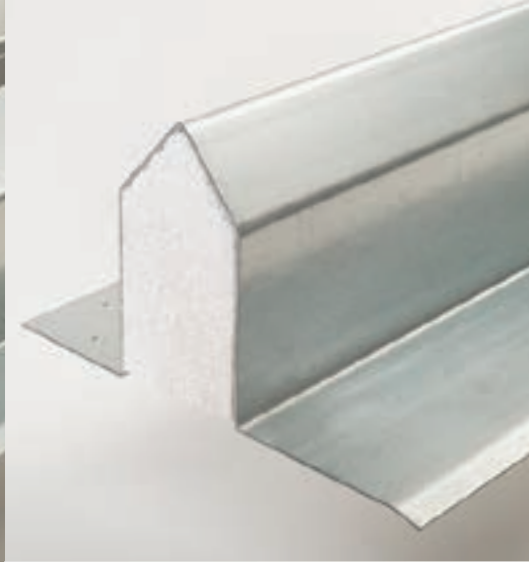
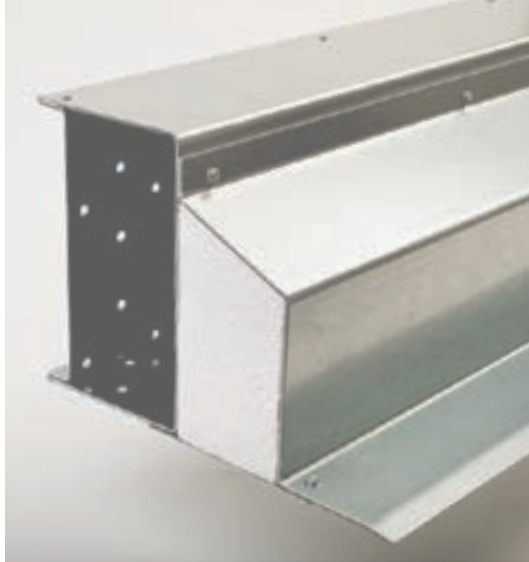
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The information contained in this brochure was accurate at the date of publication. We reserve the right to introduce, at any time, modifications and changes of details that may be deemed necessary. June 2016.

