CONVERSION CHART

Important - this chart is a guide only, drawings or loadings should be forwarded to the Birtley technical department for a definitive litel specification. If in doubt, please ask.

WALL CONSTRUCTION	BIRTLEY	CATNIC	IG	KEYSTONE
100mm OUTER 70-80mm CAVITY 100-115mm INNER	CB 70 CB 70 HD HS70 XHD 70 or SX 70	CG 70/100 CH 70/100 CX70/100 CXL 265	L1/S 75 L1/HD 75 or L1/XHD 75 L5/75 L6/75	S/K-70 HD/K 70 CFS/K 70 X/K 70
100mm OUTER 95-105mm CAVITY 100-115mm INNER	CB 90 CB 90 HD HS90 XHD 90 or SX 90	CG 90/100 CH 90/100 CX 90/100 CXL 290	L1/S 100 L1/HD 100 or L1/XHD 100 L5/100 L6/100	S/K-90 HD/K 90 CFS/K 90 X/K 90
100mm OUTER 70-80mm CAVITY 125-140mm INNER	CB 70/130 CB 70/130 HD HS 70/130 XHD70/130 or SX70/130	CG 70/125 CH 70/125 CX 70/125 CXL 290	L1/SWIL 75 L1/HDWIL 75 or L1/XHDWIL 7 L5/WIL75 L6/UBWIL 75	S/K-70WIL HD/K 70 WIL CFS/K 70 WIL X/K 70 WIL
100mm OUTER 95-105mm CAVITY 125-140mm INNER	CB 90/130 CB 90/130 HD HS 90/130 XHD90/130 or SX90/130	CG 90/125 CH 90/125 CX 90/125 CXL 310	L1/SWIL 100 L1/HDWIL 100 or L1/XHDWIL 100 L5/WIL 100 L6/UBWIL 100	S/K-90WIL HD/K 90 WIL CFS/K 90 WIL X/K 90 WIL
100mm OUTER 110-125mm CAVITY 100-115mm INNER	CB 110 HS 110 HDX 110 or SX 110	CG 110/100 CH 110/100 CX 110/100 CXL 310	L1/S 110 L1/HD 110 or L1/XHD 110 L5/110 L6/110	S/K 110 HD/K 110 CFS/K 110 X/K 110
100mm OUTER 130-145mm CAVITY 100-115mm INNER	CB 130 HS 130 HDX 130 or SX 130	CG 130/100 CH 130/100 CX 130/100 CXL 330	L1/S 110 L1/HD 110 or L1/XHD 130 L5/130 L6/130	S/K 110 HD/K 130 CFS/K 130 X/K 130
100mm OUTER 150-165mm CAVITY 100-115mm INNER	CB 150 HS 150 HDX 150 or SX 150	CG 150/100 CH 150/100 CX 150/100 CXL 350	L1/S 150 L1/HD 150 of L1/XHD 150 L5/150	S/K 150 HD/K 150 CFS/K 150 X/K 150
50-80mm CAVITY 100-115mm INNER	CBEV 50 or SB EVC	CGE 50/100 or CN 55A	L1/E 50	EL/K-50
90-100mm CAVITY 100-115mm INNER	CBEV 90	CGE 90/100	L1/E 100	EL/K-90
100mm OUTER 50-60mm CAVITY TIMBER FRAME	TF 50 TF50HD	CTF 5 CN 23C	L7/50 or L7/55 L7/HD50 or L7/HD55	T/K 50
100mm OUTER 70-90mm CAVITY TIMBER FRAME	TF 70 TF 70HD	CTF 7	L7/75 L7/HD75	T/K 70
100mm OUTER 70-90mm CAVITY TIMBER FRAME	TF 90 TF 90HD	CTF 9	L7/100 L7/HD100	T/K 90
200mm SOLID WALL	OB 190 OB 190	CN 50C / CN51 C CN51 C	L 9 L9 MED DUTY Dep on length/load	SW/K
200mm SOLID WALL	SBL 200 SBL 200HD	CN 71A / CN 81B CN 81C	BOX 200 HDBOX 200 Dep on length/load	BOX/K200 HDBOX/K200
100mm EXTERNAL LEAF	LA	ANG	L 10	SB/K
100mm EXTERNAL LEAF	EV 100	CCS	L 11	SL/K
75mm INTERNAL WALL	INT 75	CN 92	INT 64	
100mm INTERNAL WALL	INT 100 SB 100 SB 100HD	CN 102 BSD/100 or BHD 100 BHD 100	INT 100 BOX 100 HDBOX 100	INT/K BOX/K 100 HDBOX/K 100
140mm INTERNAL WALL	SB 140 SB 140HD	BSD/140 or BHD 140 BHD 140	BOX 140 HDBOX 140	BOX/K 140 HDBOX/K 140

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The famous Birtley, Expamet and Bowater brands are now working together within Birtley Group. A combined strength which is adding value to projects across the UK through quality, innovation and higher service levels than ever before.

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The particulars of this price list are for guidance only. We operate a policy of continuous improvement and individual features may vary from time to time. Precise information should always be requested from our technical department. Birtley Group cannot be held responsible for any errors or omissions contained in this brochure. Birtley Group 150218.

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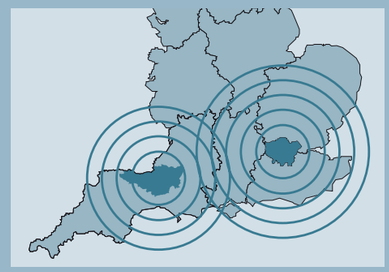
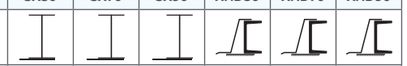


	290-310 CAVITY WALLS			310-330 CAVITY WALLS		330-350 CAVITY WALLS		350-370 CAVITY WALLS		315-350 CAVITY WALLS		150 OUTER STONE CAVITY WALLS		EAVES		EAVES WITH ATTIC TRUSS			100 INTERNAL WALL			140 INTERNAL WALL			215 SOLID WALL		100 EXTERNAL WALL			TIMBER FRAME				INTERNAL DOORS	
Outer Leaf mm	100			100		100		100		100		100				100									200-215		100			100		90-105			Outer Leaf mm
Cavity mm	90-105			110-125		130-145		150-165		90-105		90-105		50-90	90-110	50-65	70-85	90-105												50-65		100-115			Cavity mm
Inner Leaf mm	100-115			100-115		100-115		100-115		125-140		125-140		100-115		100-115			100-115			140-150												100	Inner Leaf mm
Loading	Standard	Medium	Heavy	Standard	Heavy	Standard	Heavy	Standard	Heavy	Medium	Heavy	Medium	Heavy	Medium	Medium	Medium			Medium	Heavy	Extra Heavy	Medium	Heavy	Extra Heavy	Medium	Medium	Light	Medium	Heavy	Standard	Medium	Standard	Medium	Light	Loading
LINTEL	CB 90	CB 90HD	HD 90	CB 110	HD 110	CB 130	HD 130	CB 150	HD 150	CB 90/130	HD 90/130	CB 125/ 90/100	HD 125/ 90/100	CB EV50	CB EV90	MD 90	MD 110	MD 150	SB 100	SB 100HD	SB 100HDX	SB 140	SB 140HD	SB 140HDX	SBL 200	OB 190	MBL	LA	EV 100	TF 50	TF 50HD	TF 90	TF 90HD	INT 100	LINTEL
OVERALL LINTEL LENGTH mm																																			OVERALL LINTEL LENGTH mm
750	80.73	111.33	145.87	96.60	160.11	133.31	182.00	157.58	189.46	112.78	171.74	132.47	218.78	55.13	60.59	122.96	142.94	142.94	55.77	75.37	138.27	66.83	78.28	143.65	91.13	81.52	29.70	46.79	53.03	34.38	90.95	39.93	90.47	16.05	750
900	95.41	133.43	175.05	115.93	197.96	159.37	218.38	170.13	221.25	133.20	197.12	158.98	262.57	66.63	71.56	147.57	171.56	171.56	65.09	87.64	165.94	79.90	92.00	172.36	112.74	97.75	35.25	54.57	62.91	40.79	109.28	47.36	108.57	19.26	900
1050	113.88	155.60	202.94	135.25	230.91	185.74	254.78	199.15	258.13	157.70	245.15	185.50	306.33	81.42	82.80	172.22	200.20	200.20	77.15	96.11	193.59	94.19	106.02	201.19	126.95	113.98	42.32	64.37	73.55	47.91	130.81	55.62	129.99	22.08	1050
1200	125.32	174.39	233.23	154.56	263.91	211.62	291.16	225.95	295.02	180.22	271.95	211.94	350.08	87.05	93.82	191.45	222.53	222.53	85.69	104.03	245.91	107.73	128.14	229.98	147.87	130.20	48.38	73.90	84.48	54.81	149.56	63.59	148.60	24.52	1200
1350	146.43	196.27	257.15	173.98	296.92	237.72	327.58	255.40	331.89	202.76	309.71	238.64	393.84	100.37	110.41	216.09	251.22	251.22	100.05	123.92	272.50	122.20	137.62	258.56	162.19	146.34	54.23	86.05	94.05	65.66	168.21	75.96	167.14		1350
1500	158.42	218.07	288.77	193.30	329.91	263.96	363.97	287.19	368.77	217.47	377.51	265.27	437.57	110.48	119.23	250.96	287.08	287.08	107.36	130.00	302.85	138.17	157.21	287.30	188.82	165.66	60.25	95.24	104.12	71.42	186.97	83.48	185.77		1500
1650	181.33	254.04	307.85	249.07	362.89	290.04	400.36	314.27	405.65	251.93	435.29	327.12	481.35	127.51	136.21	272.13	316.36	316.36	141.42	201.96	309.32	165.93	217.91	318.06	207.46	182.21	66.18	110.18	124.03	87.07	205.62	100.76	204.31		1650
1800	195.21	278.24	343.58	271.70	395.88	316.15	436.75	340.93	442.54	274.77	474.77	360.20	525.13	151.27	166.43	296.87	345.11	345.11	153.33	205.93	318.13	180.37	238.66	346.99	233.74	198.75	72.21	120.14	134.82	94.80	224.26	110.05	222.83		1800
1950	225.02	301.35	381.14	347.44	459.79	353.70	473.16	369.10	479.39	324.34	524.50	386.73	568.86	169.48	188.50	321.58	373.87	373.87	174.47	220.35	347.03	197.71	260.48	375.93	247.57	215.12	78.12	138.97	175.24	107.65	242.92	125.57	241.37		1950
2100	232.57	324.88	414.52	374.16	495.18	380.68	509.55	397.28	516.25	330.59	564.90	416.46	612.30	180.33	199.55	364.33	423.53	423.53	185.28	239.30	375.95	222.25	279.27	404.77	273.58	245.54	84.15	152.81	188.53	117.95	261.67	137.56	259.98		2100
2250	283.09	389.76	439.04	545.53	530.54	522.53	614.20	556.01	622.29	430.86	618.64	510.44	713.16	239.80	267.44	409.90	476.53	476.53	199.34	260.95	404.81	245.07	295.16	433.73	303.85	269.97		169.92	216.31	144.30	280.37	167.60	278.57		2250
2400	299.17	427.70	490.68	581.91	565.93	557.14	655.13	596.49	663.78	460.96	659.87	554.18	760.67	252.17	284.96	437.22	508.27	508.27	214.81	286.05	433.78	257.35	304.95	462.69	329.51	288.28		180.26	230.62	157.76	299.06	182.36	297.13		2400
2550	332.72	482.49	568.97	618.30	670.38	591.62	696.11	629.65	705.28	472.15	701.12	627.62	808.23	279.60	303.02	464.57	540.04	540.04	231.75	291.44	462.64	272.70	324.23	491.60	356.72	306.09		218.17	282.28	181.22	317.74	210.01	315.67		2550
2700	358.20	510.95	611.99	654.66	709.82	626.38	737.07	666.52	746.73	526.68	752.60	693.44	855.78	283.69	320.59	491.89	571.81	571.81	246.31	311.14	491.60	288.70	343.90	520.53	384.85	324.12		230.69	313.73	191.76	336.43	222.28	334.28		2700
2850	431.10	552.30	644.85	691.04	749.32	693.92	777.99	765.24	788.93	754.44	785.96	730.04	903.31						375.03	468.88		418.54	590.85		507.60	358.62		270.87	332.98	242.45	355.14	286.61	352.84		2850
3000	447.88	581.91	691.10	727.37	788.69	730.32	818.95	805.28	829.73	758.97	855.12	768.12	1,036.34						397.48	493.49		435.70	621.99		538.41	377.51		318.90	350.50	259.66	373.83	301.70	371.43		3000
3300	514.68		792.02	854.04	939.61	803.00	1,083.00	885.44	1,098.26	852.99	953.17		1,139.86						439.18	542.89		491.30	684.24		593.12			389.90	442.10	290.29	411.18	340.47	408.53		3300
3600	586.92		864.10		1,053.80		1,181.48		1,198.09	897.86	1,088.64		1,243.51						481.79	566.22		527.87	746.37		655.57			432.85	484.42	403.85	483.94	473.77	480.83		3600
3900	731.41		963.69		1,202.97		1,279.93		1,297.94	1,045.82	1,132.62		1,500.02						622.33			680.14			759.45			468.91	554.45	452.55	524.24	523.12	520.88		3900
4200			1,105.00		1,310.98		1,378.38		1,397.75		1,214.08		1,615.45						685.50			738.99			812.94				597.06		564.59		560.95		4200
4500			1,239.79		1,429.96		1,501.47		1,522.56		1,317.66		1,730.85						766.98			852.09			968.49				639.67		604.91		601.02		4500
4800			1,324.04		1,501.98		1,575.29		1,597.44		1,381.15		1,863.61						841.06			913.31			1,046.14				682.23		645.23		641.07		4800

ARCHFORM

LENGTH mm	Span mm	To Suit Opening mm	Price	Span mm	To Suit Opening mm	Price	Span mm	To Suit Opening mm	Price
	475	450-500	63.84	1125	1100-1150	111.32	2025	2000-2050	225.07
	575	550-600	71.73	1225	1200-1250	111.32	2125	2100-2150	225.07
	625	600-650	71.73	1375	1350-1400	119.58	2225	2200-2250	243.95
	675	650-700	88.34	1525	1500-1550	142.34	2375	2350-2400	250.93
	775	750-800	90.81	1575	1550-1600	166.05	2425	2400-2450	279.99
	925	900-950	94.62	1675	1650-1700	165.93	2725	2700-2750	314.63
	1025	1000-1050	102.95	1775	1750-1800	165.93	2975	2950-3000	405.16
	1075	1050-1100	102.95	1925	1900-1950	207.13	3325	3300-3350	543.15

	EXTRA HEAVY DUTY LONG LENGTH			EXTREME DUTY LONG LENGTH		
Cavity Wall mm	250-265	270-285	290-305	250-265	270-285	290-305
Outer Leaf mm	100	100	100	100	100	100
Cavity mm	50-65	70-85	90-105	50-65	70-85	90-105
Inner Leaf mm	100-115	100-115	100-115	100-115	100-115	100-115
LINTEL	SX50	SX70	SX90	XHD50	XHD70	XHD90
						
Price per Metre	POA	POA	POA	POA	POA	POA

Full range also available in stainless steel Grade 304 POA

Full range also available in Ultragalv 2000 (2000gm^2 zinc coating) POA

LINTEL SOFFIT COVER

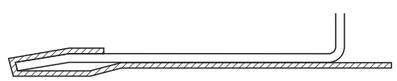
Available in white only.

The 'Supergalv' lintel soffit cover is designed to slip over the front flange of external wall lintel to provide an aesthetically pleasing appearance in locations where the front flange of the lintel would be exposed.

The lintel soffit cover is manufactured in white to match uPVC window frames.

Soffit covers are available in a range of standard lengths and should be ordered in the next length above the opening size e.g. for a 930mm opening, use the 1200mm soffit cover.

LENGTH mm	
900	11.29
1200	15.08
1500	18.84
1800	22.63
2100	26.39
2400	30.10
2700	33.88
4500	56.48



Lintel Soffit Cover sold in packs of 20no.

Prices in black type are standard delivery.
Prices in red type are special delivery - 7 - 10 days.

To order, state lintel type and overall length.
Allow for minimum end bearing of 150mm.
Prices are £ per lintel, are exclusive VAT

mesh to front flange:	MF	POA
no mesh:	NM	POA
full mesh:	FM	POA
no drip:	ND	POA
closer plate:	CP	POA
insulated box lintels:		POA

BMF Builders Merchants Federation ASSOCIATE

CERTIFIED TO BRITISH STANDARD
BS EN 845,2:2003
EN ISO 9001