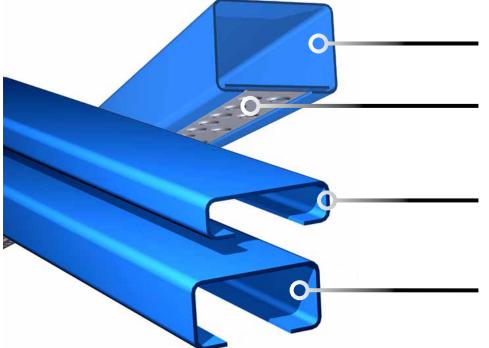
Light & versatile rectangular lintels

Lintel Range



The SB7 matches the height and width of a conventional brick for easy integration into brick coursing

The SB7 lintel features plaster key as standard, but may be installed upside down for a smooth finish

SB lintels are available in depths as low as 28mm, where less convenient 'W' or 'M' shapes are normally used

The flat 'C' shape of the SB lintels provides significantly greater strength and stiffness than an 'M' or 'W' shaped section lintel

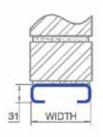
These light duty box lintels are stronger and more versatile than competing low profile shapes and are manufactured standard in LDX 2101[®] Stainless Steel'

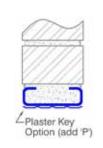
that LDX 2101® stainless steel is 2.3x stronger than grade 304 stainless steel!! Nominal Wall (standard) (standard) 90mm SPECIFY (standard) (mm) Width (mm) (mm) Height (mm) (mm) Gauge (mm) (mm) Mass (kg/m) bx (cm') Zx (mm) SB2 75mm 582.75 75 28 2.0 2.7 4.181 2.499 stainless steel!! 90mm 582.400 100 28 2.0 2.8 4.353 2.449 SB2 100mm 582.410 100 28 2.0 3.0 4.578 2.409 125mm 582.125 125 28 2.0 3.4 4.885 2.443 Ve also produce a range of standard structural sections from LDX 2101@, including standard dimension RHS 90mm 583.400 100 31 3.0 4.6 7902 3.783 SB5 115mm 583.416 115 31 3.0 4.6 7902 3.783 Lintels 100mm 583.410 100 31 3.0 4.6 7802 3.839 - see page 76	Did you know	Standard SB Lintels & Technical Information									
is 2.3x stronger than grade 304 stainless steel!! 75mm 582-90 90 28 2.0 2.7 4.181 2.499 SB2 Lintels 100mm 582-400 90 28 2.0 2.7 4.181 2.499 SB2 Lintels 100mm 582-400 100 28 2.0 2.0 2.8 4.353 2.449 Lintels 115mm 582-115 115 28 2.0 3.0 4.578 2.409 125mm 582-125 125 28 2.0 3.2 4.710 2.479 140mm 582-140 140 28 2.0 3.2 4.710 2.479 140mm 582-125 125 28 2.0 3.2 4.710 2.479 We also produce a range of standard structural sections from LDX 2101@, including standard dimension RHS 583-115 115 31 3.0 4.6 7902 3.763 2585 100mm 585-90 90 50 3.0 5.6 2.670 8.613 125mm 585-115 110 3.0 5.0<	that LDX 2101®										
than grade 304 stainless steel!! stainless steel!! toomm SB2 100 too 28 2.0 2.7 4.181 2.439 SB2 toomm SB2-100 too 28 2.0 2.8 4.353 2.448 Lintels ti0mm SB2-100 too 28 2.0 3.0 4.578 2.409 125mm SB2-125 125 28 2.0 3.2 4.710 2.479 140mm SB2-125 125 28 2.0 3.4 4.885 2.443 We also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 15mm SB3-125 125 31 3.0 4.8 8.135 3.637 SB5 100mm SB5-100 100 30 5.0 24.23 8.355 including standard dimension RHS 140mm SB5-100 100 50 3.0 5.6 26.70 8.613 - see page 76 100mm SB5-100 100 50 3.0 5.6			75mm	SB2-75	75	28	2.0	2.4	3.882	2.284	
Stainless steel!! SB2 uomin SB2/100 100 28 2.0 2.0 2.4 4.333 2.4% Linteis 115mm SB2/15 115 28 2.0 3.0 4.578 2.40 VMe also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 100mm SB3-100 100 31 3.0 4.2 2.6 3.4 4.885 2.443 SB5 105mm SB3-75 75 31 3.0 4.0 7205 3.792 SB3 100mm SB3-100 100 31 3.0 4.0 7205 3.792 SB3 100mm SB3-115 115 31 3.0 4.2 7507 3.754 Linteis 115mm SB3-125 125 31 3.0 4.8 8.135 3.874 125mm SB3-125 125 31 3.0 5.2 8.445 3.839 including standard dimension RHS - 90mm SB5-100			90mm	SB2-90	90	28	2.0	2.7	4.181	2.459	
We also produce a range of standard dimension RHS - see page 76 115 mm SB2-125 sB2-125 115 125 28 28 2.0 3.0 4.5/8 2409 90mm SB2-125 125 28 2.0 3.4 4.885 2.443 75mm SB2-140 140 28 2.0 3.4 4.885 2.443 8 2.0 3.4 4.885 2.443 3.0 3.7 6.662 3.712 90mm SB3-100 100 31 3.0 4.0 7205 3.792 90mm SB3-100 100 31 3.0 4.6 7902 3.754 115mm SB3-115 115 31 3.0 4.8 8.135 3.874 140mm SB5-100 100 31 3.0 4.8 8.135 3.874 140mm SB5-100 100 50 3.0 5.2 8.445 3.839 115mm SB5-100 100 50 3.0 5.8 2.756 <			100mm	SB2-100	100	28	2.0	2.8	4.353	2.418	
We also produce a range of standard structural sections from LDX 2101 (®, including standard dimension RHS) - SB5 110mm SB5-10 100 31 3.0 3.7 6.682 3.712 90mm SB3-10 100 31 3.0 4.0 7205 3.792 SB3 100mm SB3-100 100 31 3.0 4.2 7507 3.754 115mm SB3-125 115 31 3.0 4.6 7902 3.763 125mm SB3-125 125 31 3.0 4.8 8.135 3.874 140mm SB3-125 125 31 3.0 4.8 8.135 3.874 140mm SB3-125 125 31 3.0 5.2 8.445 3.839 100mm SB5-100 100 50 3.0 5.0 24.23 8.355 100mm SB5-100 100 50 3.0 5.6 26.70 8.613 125mm SB5-140 100 73 2.0 <td>stainless steel!!</td> <td>115mm</td> <td>SB2-115</td> <td>115</td> <td>28</td> <td>2.0</td> <td>3.0</td> <td>4.578</td> <td>2.409</td>	stainless steel!!		115mm	SB2-115	115	28	2.0	3.0	4.578	2.409	
We also produce a range of standard structural sections rhNS SB3 75mm SB3-90 90 31 3.0 4.0 7205 3.792 We also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 115mm SB3-125 125 31 3.0 4.6 7902 3.763 SB5 100mm SB3-125 125 31 3.0 4.6 7902 3.763 125mm SB3-125 125 31 3.0 4.8 8.135 3.874 100mm SB3-125 125 31 3.0 4.8 8.135 3.874 100mm SB3-100 100 50 3.0 5.0 24.23 8.355 including standard dimension RHS 100mm SB5-100 100 50 3.0 5.6 26.70 8.613 125mm SB5-115 115 50 3.0 5.8 27.56 8.613 125mm SB5-125 125 50 3.0 5.8 27.56 8.613			125mm	SB2-125	125	28	2.0	3.2	4.710	2.479	
We also produce a range of standard dimension RHS 90mm SB3-10 100 31 3.0 4.0 7205 3.792 90mm SB3 100mm SB3-100 100 31 3.0 4.2 7.507 3.763 We also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 90mm SB5-100 100 50 3.0 5.0 24.23 8.355 15mm SB5-100 100 50 3.0 5.6 26.70 8.613 15mm SB5-115 115 50 3.0 5.8 27.56 8.613 125mm SB5-115 115 50 3.0 5.8 26.70 8.613 125mm SB5-115 115 50 3.0 5.8 27.56 8.613 125mm SB5-125 125 5.0 3.0 6.2 28.72 8.703 125mm SB7-100			140mm	SB2-140	140	28	2.0	3.4	4.885	2.443	
We also produce a range of standard dimension RHS 90mm SB3-10 100 31 3.0 4.0 7205 3.792 90mm SB3 100mm SB3-100 100 31 3.0 4.2 7.507 3.763 We also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 90mm SB5-100 100 50 3.0 5.0 24.23 8.355 15mm SB5-100 100 50 3.0 5.6 26.70 8.613 15mm SB5-115 115 50 3.0 5.8 27.56 8.613 125mm SB5-115 115 50 3.0 5.8 26.70 8.613 125mm SB5-115 115 50 3.0 5.8 27.56 8.613 125mm SB5-125 125 5.0 3.0 6.2 28.72 8.703 125mm SB7-100											
SB3 range of standard structural sections from LDX 2101®, including standard dimension RHS - see page 76 SB3 und line 100mm SB3-125 line SB3-100 125mm SB3-125 line 100 125mm SB3-125 line 115 31 3.0 4.6 4.2 7.507 7.574 3.763 8 115mm SB3-125 125 125 31 3.0 4.6 7.902 3.763 9 SB3-125 125 31 3.0 4.8 8.135 3.874 9 SB3-140 140 31 3.0 5.2 8.445 3.839 9 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 100mm SB5-100 100 50 3.0 5.6 26.70 8.613 125mm SB5-125 125 50 3.0 5.8 27.56 8.613 140mm SB5-140 140 50 3.0 6.2 28.72 8.703 8 SB7 125mm SB7-115 115 73 2.0 6.0 70.58 18.10 140mm <td< td=""><td></td><td></td><td>75mm</td><td>SB3-75</td><td>75</td><td>31</td><td>3.0</td><td>3.7</td><td>6.682</td><td>3.712</td></td<>			75mm	SB3-75	75	31	3.0	3.7	6.682	3.712	
Use also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 115mm SB5-90 90 50 3.0 4.6 7902 3.763 SB5 125mm SB3-125 125 31 3.0 4.8 8.135 3.874 140mm SB3-140 140 31 3.0 4.8 8.135 3.874 SB5 90mm SB5-90 90 50 3.0 5.2 8.445 3.839 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 90mm SB5-100 100 50 3.0 5.6 26.70 8.613 125mm SB5-115 115 50 3.0 5.6 26.70 8.613 125mm SB5-125 125 50 3.0 5.8 27.56 8.613 125mm SB5-140 140 50 3.0 6.2 28.72 8.703 9 SB7-115 115 73 2.0 6.0 70.58 18.10 100mm SB7-100 100 73	•		90mm	SB3-90	90	31	3.0	4.0	7.205	3.792	
We also produce a range of standard structural sections from LDX 2101®, including standard dimension RHS 125mm SB5-90 90 50 3.0 5.2 8.445 3.839 90mm SB5-90 90 50 3.0 5.2 8.445 3.839 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 90mm SB5-90 90 50 3.0 5.3 25.28 8.445 90mm SB5-90 90 50 3.0 5.3 25.28 8.427 100mm SB5-100 100 50 3.0 5.6 26.70 8.613 - see page 76 115mm SB5-125 125 50 3.0 6.2 28.72 8.703 Verture 100mm SB7-100 100 73 2.0 6.0 70.58 18.10 125mm SB7-115 115 73 2.0 6.3 75.34 19.32 SB7 125mm SB7-125 125 73 2.0 6.7 81.74 21.51			100mm	SB3-100	100	31	3.0	4.2	7.507	3.754	
140mm SB3-140 140 31 3.0 5.2 8.445 3.839 structural sections from LDX 2101®, including standard dimension RHS 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 - see page 76 100mm SB5-100 100 50 3.0 5.6 26.70 8.613 - see page 76 140mm SB5-125 125 50 3.0 5.8 27.56 8.613 140mm SB5-140 140 50 3.0 6.2 28.72 8.703 - see page 76 100mm SB7-115 115 73 2.0 6.0 70.58 18.10 SB7 125mm SB7-125 125 73 2.0 6.3 75.34 19.32 SB7 125mm SB7-140 140 73 2.0 6.7 81.74 21.51			115mm	SB3-115	115	31	3.0	4.6	7.902	3.763	
range of standard structural sections from LDX 2101®, including standard dimension RHS 90mm \$85-90 90 50 3.0 5.0 24.23 8.355 90mm \$85-90 90 50 3.0 5.0 24.23 8.355 including standard dimension RHS 100mm \$85-100 100 50 3.0 5.6 26.70 8.613 - see page 76 115mm \$85-125 125 50 3.0 5.8 27.56 8.613 140mm \$85-140 140 50 3.0 5.8 27.56 8.613 140mm \$85-125 125 50 3.0 5.8 27.56 8.613 140mm \$85-140 140 50 3.0 6.2 28.72 8.703 140mm \$87-100 100 73 2.0 6.0 70.58 18.10 \$87 125mm \$87.125 125 73 2.0 6.3 75.34 19.32 \$87 140mm \$87.140 140 73 2.0 6.7 8.174 21.51			125mm	SB3-125	125	31	3.0	4.8	8.135	3.874	
structural sections from LDX 2101®, including standard dimension RHS 90mm SB5-90 90 50 3.0 5.0 24.23 8.355 - see page 76 100mm SB5-100 100 50 3.0 5.3 25.28 8.427 - see page 76 115mm SB5-125 125 50 3.0 5.6 26.70 8.613 140mm SB5-140 140 50 3.0 6.2 28.72 8.703 SB7 100mm SB7-100 100 73 2.0 5.5 63.37 16.25 SB7 125mm SB7-115 115 73 2.0 6.0 70.58 18.10 SB7 125mm SB7-125 125 73 2.0 6.3 75.34 19.32 Lintels 140mm SB7-140 140 73 2.0 6.7 81.74 21.51			140mm	SB3-140	140	31	3.0	5.2	8.445	3.839	
from LDX 2101®, including standard dimension RHS 90mm \$85-90 90 50 3.0 5.0 24.23 8.355 100mm \$85-100 100 50 3.0 5.3 25.28 8.427 - see page 76 115mm \$85-115 115 50 3.0 5.6 26.70 8.613 - see page 76 140mm \$85-140 140 50 3.0 6.2 28.72 8.703 100mm \$85-140 140 50 3.0 6.2 28.72 8.703 100mm \$85-140 140 50 3.0 6.2 28.72 8.703 \$85-140 140 50 3.0 6.2 28.72 8.703 \$85-140 140 50 3.0 6.2 28.72 8.703 \$85-140 140 73 2.0 6.0 70.58 18.10 \$87-115 115 73 2.0 6.3 75.34 19.32 \$87 140mm \$87-140 140 73 2.0 6.7 81.74 21.51	0										
including standard dimension RHS 100mm SB5 100 100 50 3.0 5.3 25.28 8.427 - see page 76 115mm SB5-115 115 50 3.0 5.6 26.70 8.613 - see page 76 140mm SB5-140 140 50 3.0 6.2 28.72 8.703 - see page 76 100mm SB7-100 100 73 2.0 5.5 63.37 16.25 100mm SB7-115 115 73 2.0 6.0 70.58 18.10 SB7 125mm SB7-125 125 73 2.0 6.3 75.34 19.32 Lintels 140mm SB7-140 140 73 2.0 6.7 81.74 21.51	from LDX 2101®, including standard dimension RHS		90mm	SB5-90	90	50	3.0	5.0	24.23	8.355	
dimension RHS Lintels 115mm SB5-115 115 50 3.0 5.6 26.70 8.613 - see page 76 125mm SB5-125 125 50 3.0 5.8 27.56 8.613 - see page 76 140mm SB5-140 140 50 3.0 6.2 28.72 8.703 - see page 76 100mm SB7-100 100 73 2.0 6.0 70.58 18.10 SB7 125mm SB7-125 125 73 2.0 6.3 75.34 19.32 Lintels 140mm SB7-140 140 73 2.0 6.7 81.74 21.51			100mm	SB5-100	100	50	3.0	5.3	25.28	8.427	
- See page 76 100mm SB7-100 100 73 2.0 5.5 63.37 16.25 115mm SB7-115 115 73 2.0 6.0 70.58 18.10 SB7 125mm SB7-125 125 73 2.0 6.3 75.34 19.32 Lintels 140mm SB7-140 140 73 2.0 6.7 81.74 21.51			115mm	SB5-115	115	50	3.0	5.6	26.70	8.613	
100mmSB7-100100732.05.563.3716.25115mmSB7-115115732.06.070.5818.10SB7125mmSB7-125125732.06.375.3419.32Lintels140mmSB7-140140732.06.781.7421.51			125mm	SB5-125	125	50	3.0	5.8	27.56	8.613	
115mmSB7-115115732.06.070.5818.10SB7125mmSB7-125125732.06.375.3419.32Lintels140mmSB7-140140732.06.781.7421.51			140mm	SB5-140	140	50	3.0	6.2	28.72	8.703	
115mmSB7-115115732.06.070.5818.10SB7125mmSB7-125125732.06.375.3419.32Lintels140mmSB7-140140732.06.781.7421.51											
SB7125mmSB7-125125732.06.375.3419.32Lintels140mmSB7-140140732.06.781.7421.51			100mm	SB7-100	100	73	2.0	5.5	63.37	16.25	
Lintels 140mm SB7-140 140 73 2.0 6.7 81.74 21.51			115mm	SB7-115	115	73	2.0	6.0	70.58	18.10	
		SB7	125mm	SB7-125	125	73	2.0	6.3	75.34	19.32	
190mm \$B7-190 190 73 2.0 9.8 118.02 31.90		Lintels	140mm	SB7-140	140	73	2.0	6.7	81.74	21.51	
			190mm	SB7-190	190	73	2.0	9.8	118.02	31.90	
215mm SB7-215 215 73 2.0 10.6 129.96 35.12			215mm	SB7-215	215	73	2.0	10.6	129.96	35.12	

Many variations are possible, including bolted connections & other specially fabricated features - All standard in LDX2101® Stainless Steel. Call 01206 79 2001 to discuss or visit www.stainless-lintels.co.uk

34

SB Lintel Range



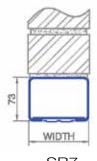


SB3 (SB2 same form)









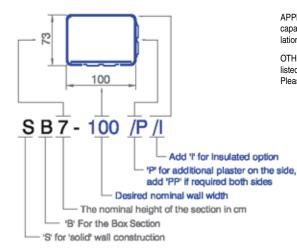
SB7 (Plaster key standard)

These Lintels may be installed upside down if desired, and their load capacity remains the same!

...They can also be used on their side for narrow walls !

Allowable evenly distributed load (Kn), for SB lintels										
Overall Span (mm)	Lintel std length (mm)	SB2	SB3	SB5	SB7	loading Example (refer pg 85)				
600	900	4.6	7.9	17.8	34.9					
750	1050	2.9	5.1	14.9	29.1					
900	1200	2.0	3.5	12.7	24.9	masonry				
1050	1350	1.5	2.6	9.4	21.8	& timber floor				
1200	1500		2.0	7.2	18.8					
1350	1650			5.7	14.8					
1500	1800			4.6	12.0					
1650	1950			3.8	9.9					
1800 2100		White	area: use with ca	aution	8.3	full height				
1950 2250		fc	or very light loads	3	7.1	masonry				
2100	2400				6.1					
Permissible Moment (kN.m):		0.46	0.74	1.67	3.4					
Permissible Point Load (kN):		1.53	2.64	5.94	11.64					

OPTIONS



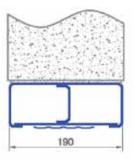
APPLICATION NOTES: All variations of an SB lintel (e.g. the different widths in an SB2) will have the same load carrying

capacity, as listed in the table above. Specifying options as detailed below does not reduce the load capacity. For installation guide, see page 78

OTHER NOTES: These are light gauge lintels, but may occasionally be manufactured from heavier gauge steel if the listed gauge is unavailable or out of stock. In these cases dimensions are not significantly affected (except gauge). Please advise when placing an order if material gauge is of particular importance.

A typical range of options are available to suit a wide variety of applications, including:

- Filled with insulation (suffix / I)
- Plaster key on the side of the lintel (suffix /P) (SB7 only)
- Plaster key on both sides of the lintels (suffix /PP) (SB7 only)
- Plaster Key on the top (suffix /PT) (SB2,3 & 5 only)
- Custom widths (simply change the standard dimension)
- The specification convention is shown left with an example.



Wider variants of the SB7 lintel (over 140mm) may feature an additional web, or be manufactured from heavier material to maintain load capacity.