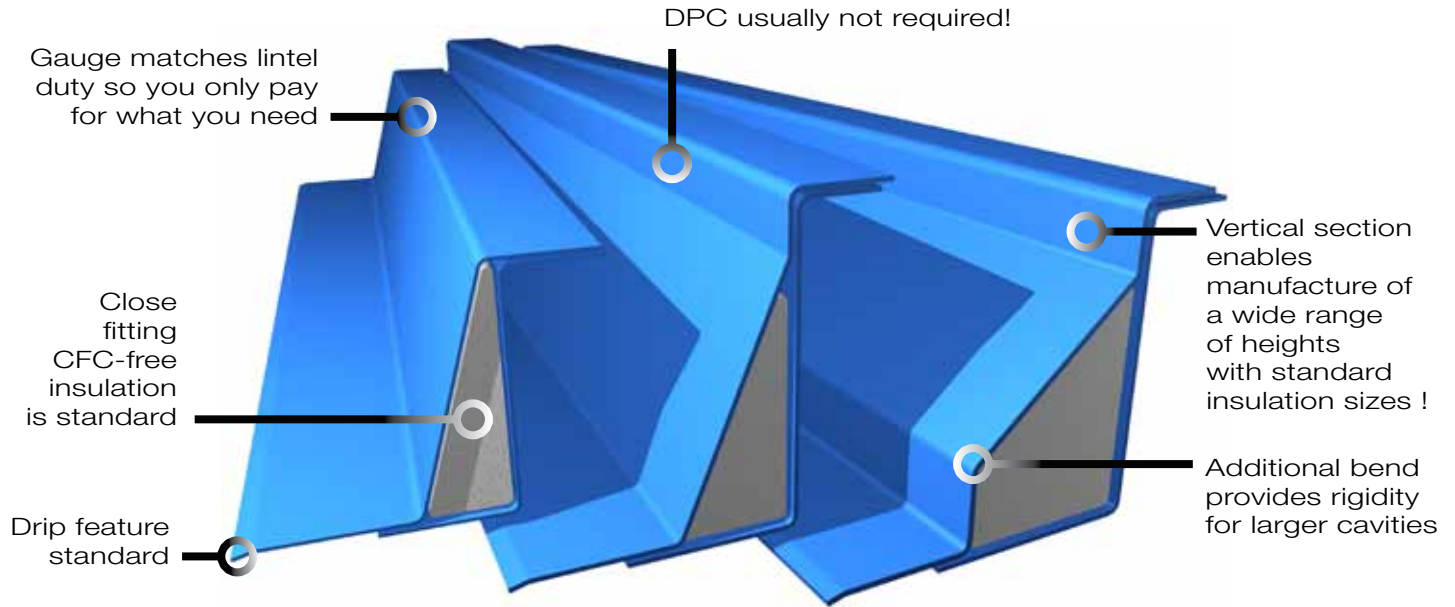


Strong insulated shelf lintels

OSH Lintel Range



The OSH design provides a strong shelf lintel that is also insulated and closes the cavity.

Being hollow, these lintels have greater capacity than the OS lintels, and can be fixed end-to-end to form long brick support angles...

OSH Lintel Permissible Loads

Lintel	UDL	Point Load
OSH 2:	5.0 kN/m	1.0 kN
OSH 3:	15.0 kN/m	3.0 kN
OSH 4:	40.0 kN/m	8.0 kN

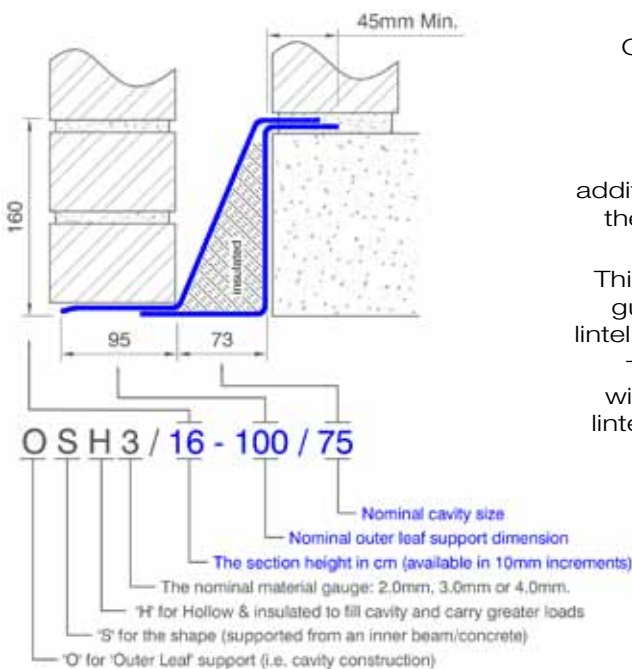
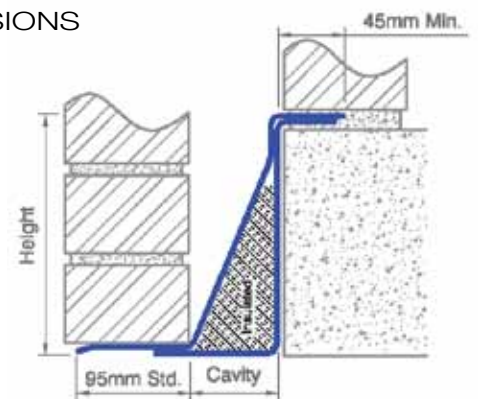
STANDARD DIMENSIONS

OSH lintels are designed to suit close fitting CFC-free insulation profiles.

Where required, additional height is obtained through addition of a straight section at the top of the web as shown right.

This gives great flexibility thus guaranteeing availability of a lintel to suit your required drop.

The table opposite lists the wide range of standard OSH lintel design options available.



OPTIONS FOR OSH LINTELS

The OSH lintel designation system is shown left, the components in blue can be altered to suit your particular requirements!

Note: Outer leaf widths >125mm may have reduced load capacity.

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

OSH Lintel Range

From the table below, locate your required cavity size and lintel height, then choose the lintel type (OSH2, OSH3 or OSH4) that meets your load requirement to get the specification. The load capacities are listed in the table opposite and a guide to how the designation works is also shown opposite.

LINTEL STANDARD LENGTHS (mm)
Intermediate sizes can be manufactured on request

- 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

		OSH Lintel Standard Sizes & Designations						
Suit Cavity Width:		50-59mm	60-69mm	70-84mm	85-99mm	100-119mm	120-140mm*	
Lintel Height (mm)	150	OLH	OSH2/15-100/50	OSH2/15-100/60	OSH2/15-100/75	OSH2/15-100/90	OSH2/15-100/100	OSH2/15-100/125
		OLH	OSH3/15-100/50	OSH3/15-100/60	OSH3/15-100/75	OSH3/15-100/90	OSH3/15-100/100	OSH3/15-100/125
		OLH	OSH4/15-100/50	OSH4/15-100/60	OSH4/15-100/75	OSH4/15-100/90	OSH4/15-100/100	OSH4/15-100/125
	160	OLH	OSH2/16-100/50	OSH2/16-100/60	OSH2/16-100/75	OSH2/16-100/90	OSH2/16-100/100	OSH2/16-100/125
		OLH	OSH3/16-100/50	OSH3/16-100/60	OSH3/16-100/75	OSH3/16-100/90	OSH3/16-100/100	OSH3/16-100/125
		OLH	OSH4/16-100/50	OSH4/16-100/60	OSH4/16-100/75	OSH4/16-100/90	OSH4/16-100/100	OSH4/16-100/125
	170	OLH	OSH2/17-100/50	OSH2/17-100/60	OSH2/17-100/75	OSH2/17-100/90	OSH2/17-100/100	OSH2/17-100/125
		OLH	OSH3/17-100/50	OSH3/17-100/60	OSH3/17-100/75	OSH3/17-100/90	OSH3/17-100/100	OSH3/17-100/125
		OLH	OSH4/17-100/50	OSH4/17-100/60	OSH4/17-100/75	OSH4/17-100/90	OSH4/17-100/100	OSH4/17-100/125
	180	OLH	OSH2/18-100/50	OSH2/18-100/60	OSH2/18-100/75	OSH2/18-100/90	OSH2/18-100/100	OSH2/18-100/125
		OLH	OSH3/18-100/50	OSH3/18-100/60	OSH3/18-100/75	OSH3/18-100/90	OSH3/18-100/100	OSH3/18-100/125
		OLH	OSH4/18-100/50	OSH4/18-100/60	OSH4/18-100/75	OSH4/18-100/90	OSH4/18-100/100	OSH4/18-100/125
	190	OLH	OSH2/19-100/50	OSH2/19-100/60	OSH2/19-100/75	OSH2/19-100/90	OSH2/19-100/100	OSH2/19-100/125
		OLH	OSH3/19-100/50	OSH3/19-100/60	OSH3/19-100/75	OSH3/19-100/90	OSH3/19-100/100	OSH3/19-100/125
		OLH	OSH4/19-100/50	OSH4/19-100/60	OSH4/19-100/75	OSH4/19-100/90	OSH4/19-100/100	OSH4/19-100/125
	200	OLH	OSH2/20-100/50	OSH2/20-100/60	OSH2/20-100/75	OSH2/20-100/90	OSH2/20-100/100	OSH2/20-100/125
		OLH	OSH3/20-100/50	OSH3/20-100/60	OSH3/20-100/75	OSH3/20-100/90	OSH3/20-100/100	OSH3/20-100/125
		OLH	OSH4/20-100/50	OSH4/20-100/60	OSH4/20-100/75	OSH4/20-100/90	OSH4/20-100/100	OSH4/20-100/125
210	OLH	OSH2/21-100/50	OSH2/21-100/60	OSH2/21-100/75	OSH2/21-100/90	OSH2/21-100/100	OSH2/21-100/125	
	OLH	OSH3/21-100/50	OSH3/21-100/60	OSH3/21-100/75	OSH3/21-100/90	OSH3/21-100/100	OSH3/21-100/125	
	OLH	OSH4/21-100/50	OSH4/21-100/60	OSH4/21-100/75	OSH4/21-100/90	OSH4/21-100/100	OSH4/21-100/125	
220	OLH	OSH2/22-100/50	OSH2/22-100/60	OSH2/22-100/75	OSH2/22-100/90	OSH2/22-100/100	OSH2/22-100/125	
	OLH	OSH3/22-100/50	OSH3/22-100/60	OSH3/22-100/75	OSH3/22-100/90	OSH3/22-100/100	OSH3/22-100/125	
	OLH	OSH4/22-100/50	OSH4/22-100/60	OSH4/22-100/75	OSH4/22-100/90	OSH4/22-100/100	OSH4/22-100/125	
230	OLH	OSH2/23-100/50	OSH2/23-100/60	OSH2/23-100/75	OSH2/23-100/90	OSH2/23-100/100	OSH2/23-100/125	
	OLH	OSH3/23-100/50	OSH3/23-100/60	OSH3/23-100/75	OSH3/23-100/90	OSH3/23-100/100	OSH3/23-100/125	
	OLH	OSH4/23-100/50	OSH4/23-100/60	OSH4/23-100/75	OSH4/23-100/90	OSH4/23-100/100	OSH4/23-100/125	
240	OLH	OSH2/24-100/50	OSH2/24-100/60	OSH2/24-100/75	OSH2/24-100/90	OSH2/24-100/100	OSH2/24-100/125	
	OLH	OSH3/24-100/50	OSH3/24-100/60	OSH3/24-100/75	OSH3/24-100/90	OSH3/24-100/100	OSH3/24-100/125	
	OLH	OSH4/24-100/50	OSH4/24-100/60	OSH4/24-100/75	OSH4/24-100/90	OSH4/24-100/100	OSH4/24-100/125	
250	OLH	OSH2/25-100/50	OSH2/25-100/60	OSH2/25-100/75	OSH2/25-100/90	OSH2/25-100/100	OSH2/25-100/125	
	OLH	OSH3/25-100/50	OSH3/25-100/60	OSH3/25-100/75	OSH3/25-100/90	OSH3/25-100/100	OSH3/25-100/125	
	OLH	OSH4/25-100/50	OSH4/25-100/60	OSH4/25-100/75	OSH4/25-100/90	OSH4/25-100/100	OSH4/25-100/125	
260	OLH	OSH3/26-100/50	OSH3/26-100/60	OSH3/26-100/75	OSH3/26-100/90	OSH3/26-100/100	OSH3/26-100/126	
	OLH	OSH4/26-100/50	OSH4/26-100/60	OSH4/26-100/75	OSH4/26-100/90	OSH4/26-100/100	OSH4/26-100/126	
270	OLH	OSH3/27-100/50	OSH3/27-100/60	OSH3/27-100/75	OSH3/27-100/90	OSH3/27-100/100	OSH3/27-100/127	
	OLH	OSH4/27-100/50	OSH4/27-100/60	OSH4/27-100/75	OSH4/27-100/90	OSH4/27-100/100	OSH4/27-100/127	
280	OLH	OSH3/28-100/50	OSH3/28-100/60	OSH3/28-100/75	OSH3/28-100/90	OSH3/28-100/100	OSH3/28-100/128	
	OLH	OSH4/28-100/50	OSH4/28-100/60	OSH4/28-100/75	OSH4/28-100/90	OSH4/28-100/100	OSH4/28-100/128	
290	OLH	OSH3/29-100/50	OSH3/29-100/60	OSH3/29-100/75	OSH3/29-100/90	OSH3/29-100/100	OSH3/29-100/129	
	OLH	OSH4/29-100/50	OSH4/29-100/60	OSH4/29-100/75	OSH4/29-100/90	OSH4/29-100/100	OSH4/29-100/129	
300	OLH	OSH3/30-100/50	OSH3/30-100/60	OSH3/30-100/75	OSH3/30-100/90	OSH3/30-100/100	OSH3/30-100/130	
	OLH	OSH4/30-100/50	OSH4/30-100/60	OSH4/30-100/75	OSH4/30-100/90	OSH4/30-100/100	OSH4/30-100/130	

Installation Note

OSH Lintels for cavity sizes $\geq 120\text{mm}$ require a separate DPC because the additional bend in the web (refer right hand lintel in main illustration) reduces the fall in the cavity to below the 150mm required by BS 5977. (Installation guide: Page 83)

Loading Note

These lintels are designed to be supported along the full length of the inner of the lintel, and under each end of the outer as for a normal lintel. In the absence of support under the outer, they should be fastened to the inner to achieve the stated load capacity.

Note: These lintels are manufactured from steel gauges: OSH2 (2.0mm), OSH3 (3.0mm) & OSH4 (4.0mm)