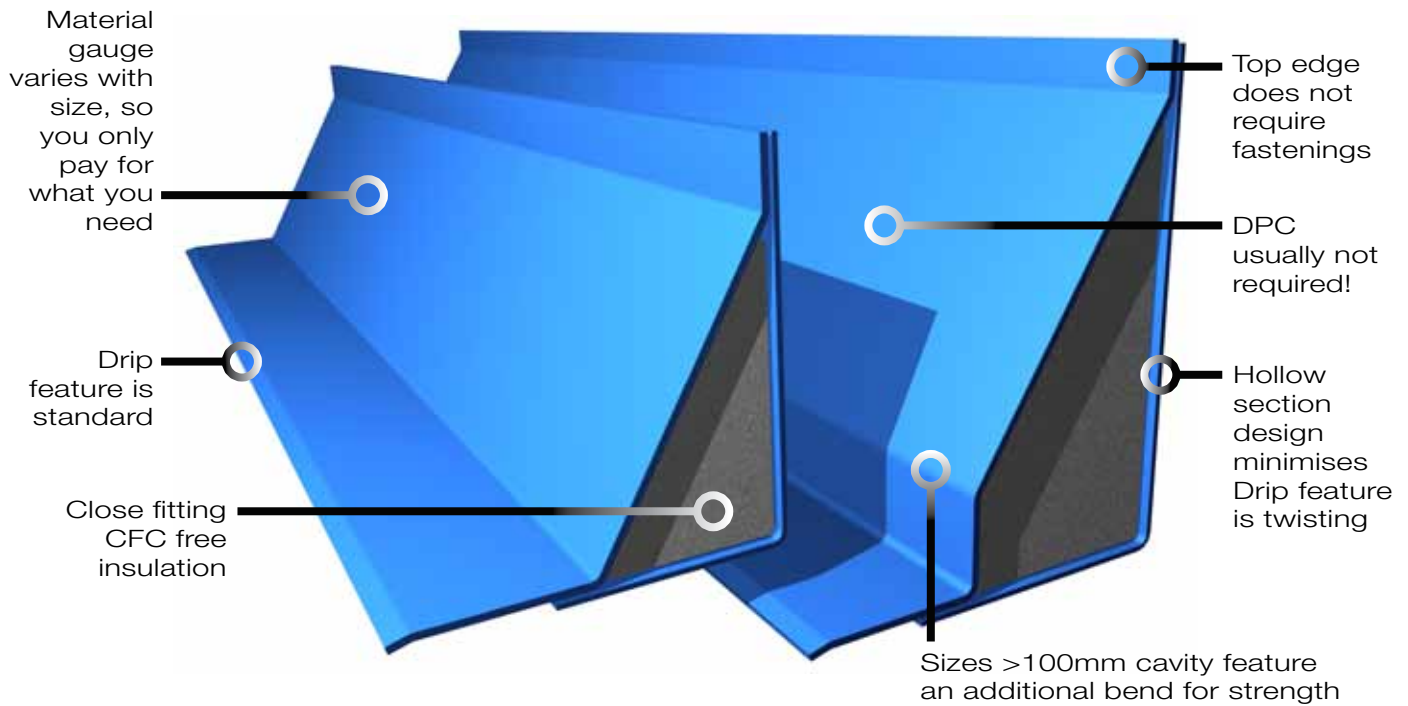
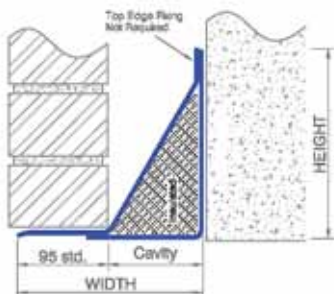


Outer leaf support for framed buildings

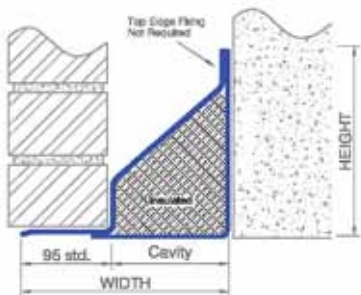
OLH Lintel Range



OLH lintels support the outer leaf & close the cavity, are easy to install and highly resistant to twisting!



Lintel form for narrower cavities (typically 110mm and less) (OLH20-100/100 shown)



Lintel form for cavities >110mm (OLH21-100/125 shown)

Standard Lintels & Technical Information

	Nominal Cavity	SPECIFY (standard)	WIDTH (mm)	HEIGHT (mm)	Gauge (mm)	Mass (kg/m)	Ixx (cm ⁴)	Zxx (cm ³)
OLH19 Lintels	50mm	OLH19-100/50	142	214	2.0	9.1	582.0	42.48
	60mm	OLH19-100/60	152	211	2.0	9.2	571.5	41.72
	75mm	OLH19-100/75	167	211	2.0	9.6	579.5	41.10
	90mm	OLH19-100/90	180	200	2.0	9.6	531.7	39.39
	100mm	OLH19-100/100	192	194	2.0	9.6	502.2	38.34
	125mm	OLH19-100/125*	214	188	2.0	10.2	497.4	39.17
OLH20 Lintels	50mm	OLH20-100/50	142	217	3.0	13.7	888.8	63.94
	60mm	OLH20-100/60	152	214	3.0	14.0	881.7	63.43
	75mm	OLH20-100/75	167	212	3.0	14.4	878.8	62.33
	90mm	OLH20-100/90	180	202	3.0	14.4	805.4	59.22
	100mm	OLH20-100/100	192	197	3.0	14.4	765.8	57.15
	125mm	OLH20-100/125*	215	192	3.0	15.4	769.2	59.17
OLH21 Lintels	50mm	OLH21-100/50	142	217	4.0	16.2	1,053	75.22
	60mm	OLH21-100/60	152	215	4.0	16.4	1,041	74.86
	75mm	OLH21-100/75	167	217	4.0	16.9	1,048	72.80
	90mm	OLH21-100/90	180	204	4.0	16.9	955.9	69.77
	100mm	OLH21-100/100	192	198	4.0	16.9	903.5	67.93
	125mm	OLH21-100/125*	216	195	4.0	18.0	916.9	70.53
OLH27 Lintels	75mm	OLH27-100/75	167	275	4.0	20.1	2,102	120.8
	90mm	OLH27-100/90	180	270	4.0	20.1	2,008	116.7
	100mm	OLH27-100/100	192	282	4.0	21.1	2,299	128.4
	125mm	OLH27-100/125	197	264	4.0	21.4	2,071	121.1

Only lintels marked () require a separate DPC, all others have sufficient cavity fall by BS 5977, and are supplied with separate stop-ends to form an integral cavity tray, unless otherwise requested (see page 88 for details).

We can manufacture many variations of these lintels, supplied as standard in LDX2101 Stainless Steel. Call 01206 79 2001® to inquire or visit www.stainless-lintels.co.uk

OLH Lintel Range

Choosing your lintel length:

Loads correspond to opening spans - you must choose a lintel of sufficient length to give adequate bearing length at either end. The standard lengths are listed.

Caution: lintels with loads over approx 30kN often require bearings longer than 150mm! Calculation of required bearing length takes into consideration the load, the lintel pressure 'footprint' and the strength of the supporting masonry.

These calculations can be complex and we can assist if required. Generally, 150mm bearings are fine for loads up to 20kN.

*Integral Cavity Tray

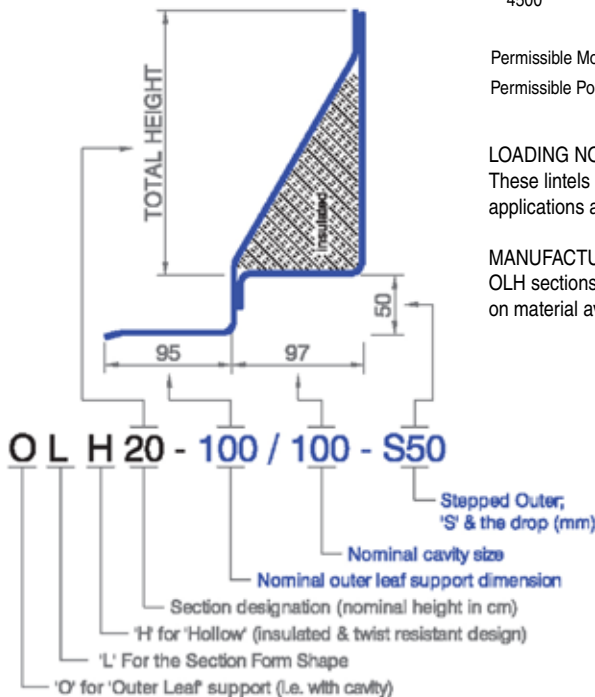
Most of these lintels can be supplied with separate adhesive stop-ends to form an integral cavity tray; we can also supply the lintels with welded stainless stop-ends for the ultimate DPC

- Specify 'LINTRAY®' with your order for welded stop-ends.

In a typical atmospheric environment, LDX 2101® is over 25 times more corrosion resistant than zinc, and it's not just a thin coat on the surface!

Allowable Load (kN) for OLH Lintels

Opening Span (mm)	Lintel std length (mm)	OLH19	OLH20	OLH21	OLH27	Load Example (refer pg 85)
600	900	12.5	38.2	55.3	83.4	440mm of masonry & tiled roof
750	1050	12.5	38.2	55.3	83.4	
900	1200	14.6	38.2	55.3	83.4	
1050	1350	16.7	38.2	55.3	83.4	
1200	1500	18.8	38.2	55.3	83.4	
1350	1650	19.2	38.2	55.3	83.4	
1500	1800	19.2	38.2	55.3	83.4	
1650	1950	19.2	38.2	55.3	83.4	
1800	2100	19.2	38.2	55.3	83.4	
1950	2250	19.2	38.2	51.3	83.4	
2100	2400	19.2	38.2	47.9	77.8	
2250	2550	19.2	36.4	44.9	73.0	
2400	2700	19.2	34.2	42.3	68.7	
2550	2850	19.0	32.3	39.9	64.9	
2700	3000	18.0	30.6	37.8	61.5	
2850	3150	17.1	29.1	35.9	58.4	
3000	3300	16.3	27.7	34.2	55.6	
3150	3450	15.6	26.4	32.7	53.1	
3300	3600	14.9	25.3	31.2	50.8	
3450	3750	14.3	24.2	29.9	48.7	
3600	3900	13.7	23.3	28.7	46.7	
3750	4050	13.2	22.4	27.4	44.9	
3900	4200	12.7	21.5	25.3	43.2	
4050	4350	12.2	19.9	23.5	41.7	
4200	4500	11.8	18.5	21.9	40.3	
4350	4650	11.2	17.3	20.4	38.9	
4500	4800	10.5	16.1	19.0	37.7	
440mm of masonry						
Permissible Moment (kN.m):		6.43	10.90	13.50	21.9	
Permissible Point Load (kN):		2.51	7.65	11.1	16.7	



LOADING NOTE:

These lintels should not be installed with less than 150mm bearings, and we recommend 225mm bearings for applications approaching the maximum loads lists above. For installation guide, see page 81

MANUFACTURING NOTE:

OLH sections may be manufactured from heavier gauge material than listed depending on material availability, load capacity remains unaffected - please advise if weight is important.

← OPTIONS FOR OLH LINTELS

The leaf support width (which is 95mm as standard), step, and the cavity width can be customised to suit your particular application.

Although not listed left, cavity sizes over 125mm are readily manufactured - please don't hesitate to contact us for assistance.