



LINTELS

STANDARD CAVITY WALL LINTEL (EX95s)



LENGTHS AVAILABLE

750mm	2700mm
900mm	2850mm
1050mm	3000mm
1200mm	3150mm
1350mm	3300mm
1500mm	3600mm
1650mm	3900mm
1800mm	4000mm
1950mm	4200mm
2100mm	4350mm
2250mm	4500mm
2400mm	4650mm
2550mm	4800mm

TOP HAT DESIGN:

The design allows the use of continuous masonry above the window head to help maintain thermal insulation values and ease of construction.

CORROSION PREVENTION

All external wall lintels are made from hot dipped galvanised steel to BS EN 10142:1991, with a Z600 coating ie: 45µ coating each surface. The use of flexible dpc above the lintel meets the requirements of BS 5977, Pt 2: 1983, see table 1.

All tests on cavity wall lintels were carried out at the maximum design cavity width, and in 3:1 and 19:1 ratio (inner: outerleaf) to represent both timber floor and concrete or roof loadings.

EXPLANATION OF LOAD SPAN TABLES

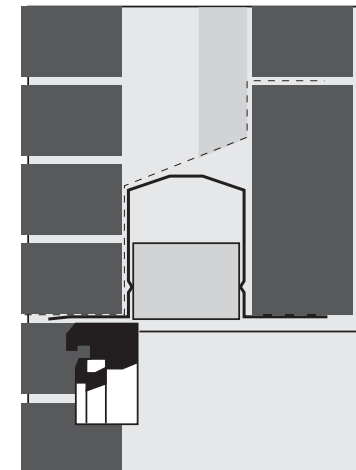
The maximum safe uniformly distributed load given in the tables for cavity wall lintels can be applied in the following ratios (inner: outer leaf).

Load 1 (Ratio 3:1)-lintels supporting masonry only or masonry on both flanges and timber floor on the inner leaf.

Load 2 (Ratio 19:1)-lintels supporting masonry on both flanges and concrete floor on the inner leaf or loading from eaves condition.

BUILDING REGULATIONS

All lintels, when correctly specified and installed, will comply with the requirements of the Building Regulations and recent amendments.



EX95S					
Length/ Range mm	Height (Nominal)mm	Material Thickness mm	weight kg/m	Load 1 kN	Load 2 kN
750-1500	102	2.5	8.64	12	10
1650-1800	127	2.5	9.62	17	14
1950-2100	139	2.5	10.11	20	15
2250-2400	152	2.8	11.87	20	17
2550-3000	177	2.8	12.97	24	17
3150-3600	207	3.0	15.31	24	17
3750-4200	210	3.0	18.25	26	20
4350-4800	210	3.0	18.25	26	20



Galtee Valley Enterprise Park, Ballylanders, Co. Limerick
Tel: 062 46290, Fax: 062 46291, E-mail: info@batmetalwork.com

www.batmetalwork.com