Folding Sliding Patio Doorset
Doorset Lintel Specification Guide

This information needs to be considered before the purchase of a folding sliding patio doorset.

Lintels must have at least 150mm bearing at each end. The overall length of a lintel should at least be the sum of the opening width plus 300mm (minimum). The safe working load for the lintel must not be exceeded by the combined loads imposed by the structure and the loads imposed by the folding sliding patio doorsets.

When specifying the lintel it will be also necessary to understand the type of construction, the type and thickness of the inner and outer leaves and the width of the cavity. It will also be necessary to understand the exposure rating for the site to determine if a cavity tray is required.

The additional loads imposed by the folding sliding patio doorsets will be a uniformly distributed load (UDL) of 0.5kN (approx. 50 kg) per metre run. Loads imposed by the structure will include loads from roof trusses, floor joists and masonry.

Head Fixing (see table below)
The load of the folding sliding patio doorsets will be applied through screws fixed through 5mm diameter pre-drilled holes along the centre of the external flange of the lintel.

Folding sliding patio doorsets are supplied with special fixings for use when fitting into a steel lintel only. For other lintel types please refer to JELD-WEN or a Structural Engineer before proceeding.

Jamb Fixing
The jambs should be fixed using the 5 fixings (provided) evenly spaced to suit the brickwork.

Sill Fixing
3 sill fixing brackets are supplied and should be evenly spaced along the length of the sill and fixed in place finally fixed to the sub floor.
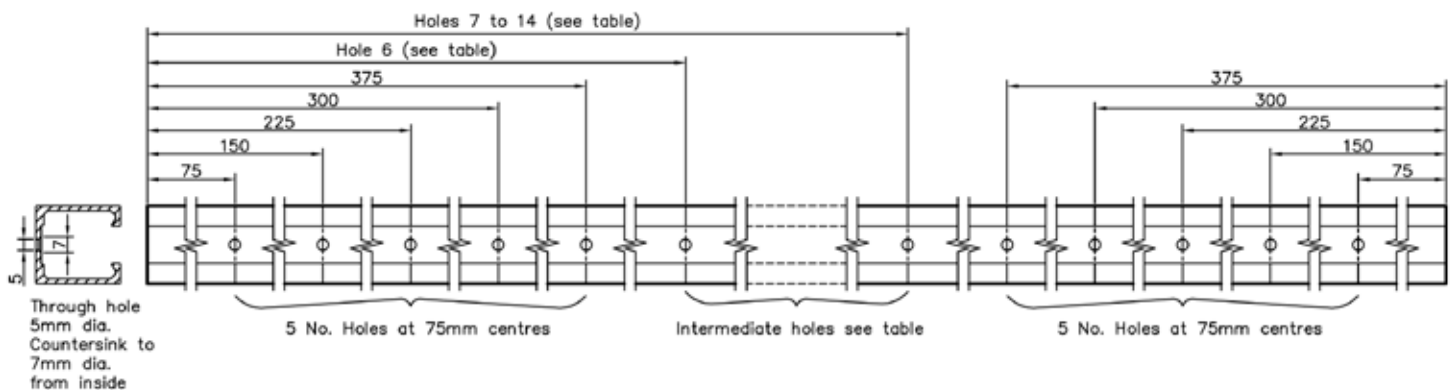

Table showing position of holes from hole 6

Doorset Size	Head plant length	Hole centre spacing	Hole 6	Hole 7	Hole 8	Hole 9	Hole 10	Hole 11	Hole 12	Hole 13	Hole 14	Hole 15
1800	1729	343	693	1036	1379							
2100	2029	332	682	1014	1346	1678						
2400	2329	326	676	1002	1328	1654	1980					
3000	2929	371*	722	1093	1464	1835	2206	2577				
3600	3529	353*	705	1058	1411	1764	2117	2470	2823	3176		
4200	4129	381	731	1112	1493	1874	2255	2636	3017	3398	3779	
4800	4729											

* offset for first and last holes increased to avoid decimal places in dimensions

Doorset Size	Head plant length	Hole centre spacing	Hole 6	Hole 7	Hole 8	Hole 9	Hole 10	Hole 11	Hole 12	Hole 13	Hole 14
1800	1729	326	701	1027							
2100	2029	320	695	1015	1335						
2400	2329	395	770	1165	1560						
3000	2929	363	738	1101	1464	1827	2190				
3600	3529	347	723*	1070	1417	1764	2111	2458	2805*		
4200	4129	375	752*	1127	1502	1877	2252	2627	3002	3377*	
4800	4729	398	773	1171	1569	1967	2365	2763	3161	3559	3957