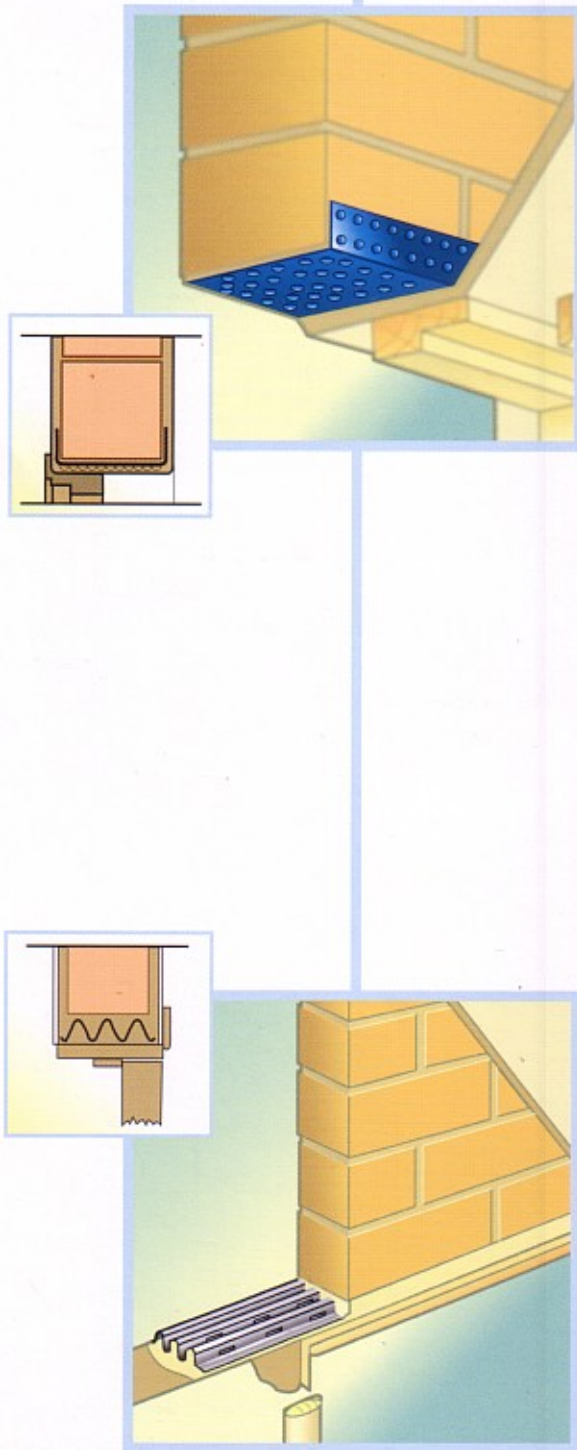


DYNTEK Lintel



DYNTEK CHANNEL LINTELS are horizontal members designed to carry brick/blockwork across door and window openings. Manufactured using high yield steel, its surface is perforated, then formed into channel section and finally rust protected. Available to cater up to wall widths of 200 mm and BS 5977: Part2: 1983.

Benefits:

Time Savings -

Construction with wet brick/blockwork can begin immediately after installing the lintel.

Cost Effectiveness -

Saves on building cost as DYNTEK lintels are cheaper than traditional lintels.

Ease of Handling -

Lintels are lightweight and can be lifted and installed by a single person.

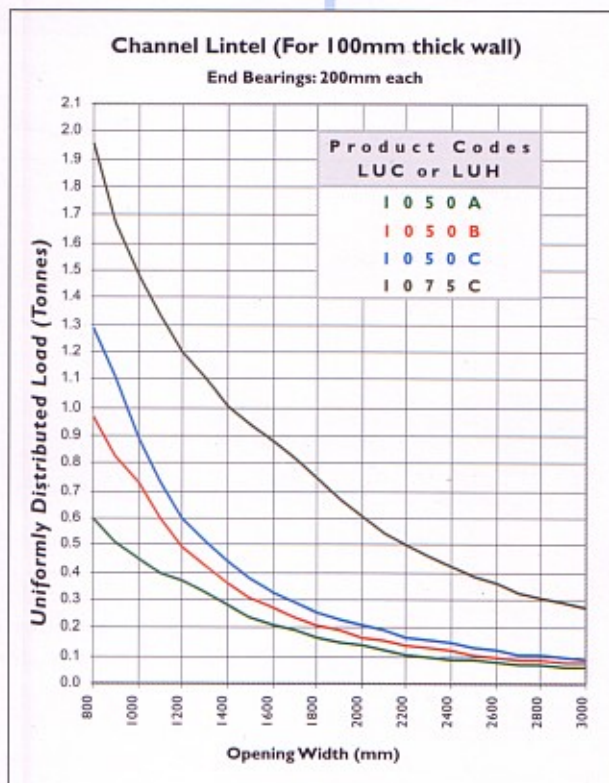
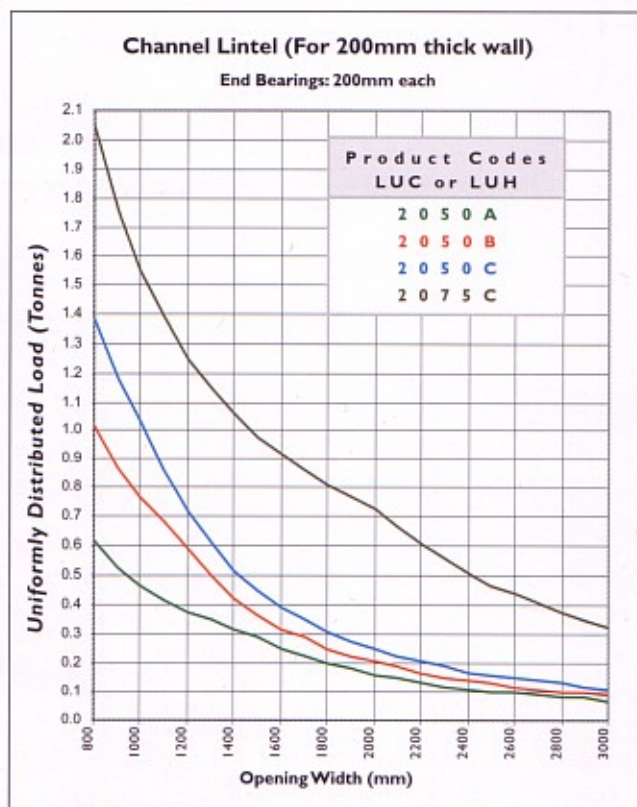
Efficient plaster key -

Makes plastering easy and provides a stronger bond.

Available In Various Sizes -

A range of sizes makes it easy to order and install, to suit different requirements.

DYNTEK CORRUGATED LINTELS are designed for internal use only. Using galvanised steel conforming to BS 2989: 1982 its surface is perforated and then formed into corrugated section to suit wall widths 75mm and 100mm.

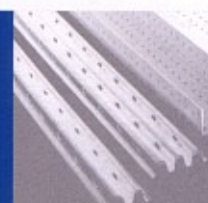


USING THE LOADING CHART

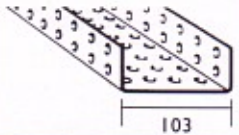
1. Determine the width of the opening.
2. Calculate the load (in tonnes) that will sit on the entire width of the opening.
3. Depending on the wall thickness, locate on the appropriate table the intersection of the opening width against the load reading.
4. From the point of intersection, project the point upwards until it reaches the nearest curve.
5. The lintel represented by the curve will satisfy the building requirements.

Note:


When ordering lintels, ensure 200mm end bearings are included in the length of lintels ie. add 400mm to lintel length.



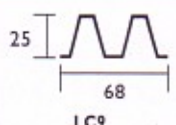
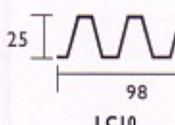
DYNTEK Channel Lintel - 100mm wall width

Material Specifications	Product Code			
	LUC1050A or LUH1050A	LUC1050B or LUH1050B	LUC1050C or LUH1050C	LUC1075C or LUH1075C
				
Internal Width (mm)	103	103	103	103
Internal Flange (mm)	50	50	50	75
Material Thickness (mm)	2.0	2.5	3.0	3.0
Approx. Weight (kg/m)	3.2	4.0	4.8	6.0

DYNTEK Channel Lintel - 200mm wall width

Material Specifications	Product Code			
	LUC2050A or LUH2050A	LUC2050B or LUH2050B	LUC2050C or LUH2050C	LUC2075C or LUH2075C
				
Internal Width (mm)	203	203	203	203
Internal Flange (mm)	50	50	50	75
Material Thickness (mm)	2.0	2.5	3.0	3.0
Approx. Weight (kg/m)	4.8	6.0	7.2	8.3

DYNTEK Corrugated Lintel - 75mm and 100mm wall width

Material Specifications	Product code	
	 LC9	 LC10
Lintel Width (mm)	68	98
Lintel Height (mm)	25	25
Material Thickness (mm)	1.2	1.2
Approx. Weight (kg/m)	1.2	1.8
Lintel Length (mm)	min. 800 max. 1200	800 1200
End Bearing	Based on minimum end bearing of 75mm both ends	
Safe working load* at max. length (tonnes)	0.7	0.7

* Allow first 300mm of brick/blockwork to set for 24 hours before continuing brick/blockwork.

Note:

Other wall widths other than shown sizes, are available with load tables upon request.

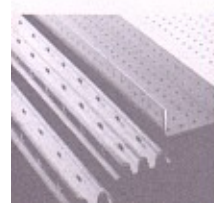
Length of Lintels are available in lengths of 100mm increments starting from 800mm.

LUC : U-Channel Lintel in powder coated steel.

LUH: U-Channel Lintel in hot dipped galvanised steel to BS 729: 1971 Specifications

LC : Corrugated Lintel in galvanised steel.

Tee Lintels are available upon request. Designed to suit skim coat plastered walls such as AAC blockwork.(Autoclaved Aerated Concrete)

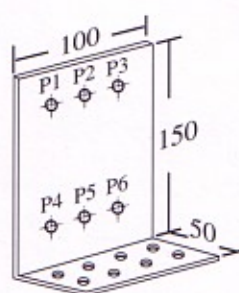


DYNTEK LINTEL is mounted on DYNTEK BRACKET fixed onto concrete column wherever Lintels abut with columns.

Benefits:

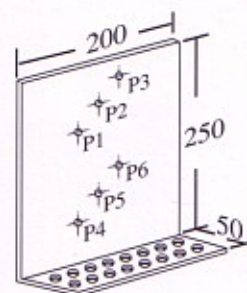
- Option to use quick-to-install Nails where drilling/use of Anchor bolt is less convenient.
- Manufactured from quality high yield steel for increased strength.
- Simple and yet smartly designed to prevent incorrect length of Lintel (too short) from being used.

DYNTEK Bracket for 100mm Width Wall



Bracket Code	Fastener	Quantity/Position of fasteners	
		2NOS@ (P1+P4) or (P3+P6)	2NOS@ (P2+P5)
LAC10N or LAH10N	Ramset or Equal Nail ϕ 3.8 x 25mm	0.41 tonnes	0.48 tonnes
LAC10M8 or LAH10M8	Ramset or Equal Dynabolt M8 x 44mm	0.44 tonnes	0.51 tonnes
LAC10M10 or LAH10M10	Ramset or Equal Dynabolt M10 x 50mm	0.51 tonnes	0.60 tonnes

DYNTEK Bracket for 200mm Width Wall



Bracket Code	Fastener	Quantity/Position of fasteners	
		2NOS@ (P2+P5)	4NOS@ (P1+P4) and (P3+P6)
LAC20N or LAH20N	Ramset or Equal Nail ϕ 3.8 x 25mm	0.48 tonnes	1.0 tonnes
LAC20M8 or LAH20M8	Ramset or Equal Dynabolt M8 x 44mm	0.51 tonnes	1.1 tonnes
LAC20M10 or LAH20M10	Ramset or Equal Dynabolt M10 x 50mm	0.60 tonnes	1.2 tonnes

Note:

LAC Lintel Bracket in Powder Coated steel
 LAH Lintel Bracket in Hot Dipped Galvanised Steel
 Diagram dimensions shown in mm

