LINTELS

FOR ALL OPENINGS

IsoHemp lintels are prefabricated hemp concrete lintels strengthened by a reinforced concrete centre used for door and window openings in hemp block masonry construction. They are ideally suited for new build and interior and exterior renovations. They enable the elimination of thermal bridges and the achievement of an encompassing and continuous insulating envelope . IsoHemp lintels are available in thickness of 9cm, 12cm, 15cm, 20cm and 30cm and in various lengths.

Advantages

- Suppression of thermal bridges
- Identical and continuous support for the final render
- On-site time saving
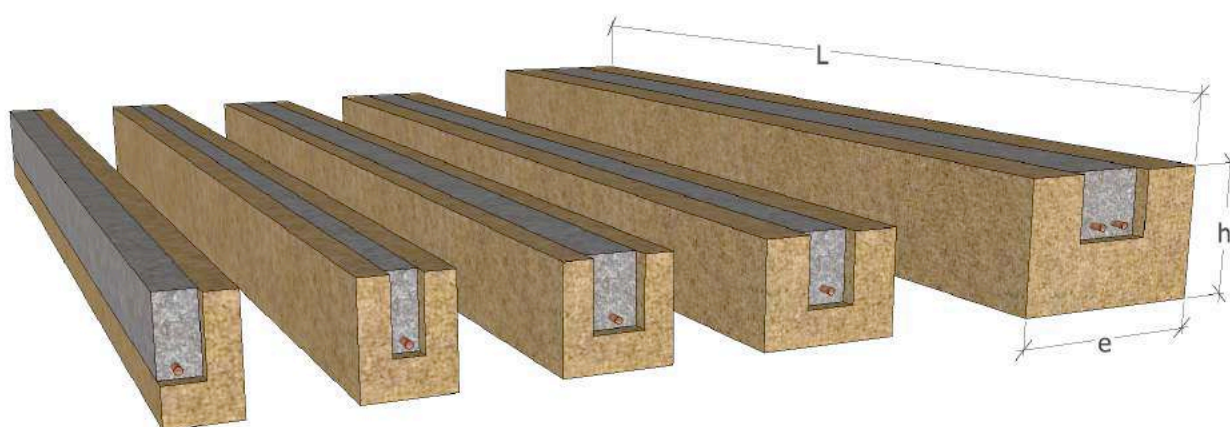- Quick and easy implementation

How to choose your lintel?

Depending on the required thickness and the window opening to be covered, you will find the appropriate lintel in the table below. It is imperative to always provide a minimum bearing length of 20cm on either side of the window for openings up to 2m. For openings over 2m, a 30cm support is required on each side. For walls that are 30cm thick you can use a U block to create two concrete beams of 60cm in length each and thus reduce the length of support to 15cm on each side of the bay.

The choice of lintel is therefore as follows: opening to be covered + (2 x 20cm or 30cm) = minimum length of the lintel.

PRODUCT ON ORDER
Delivery time of 15 workdays

Packaging and availability	
Sale	By part or by order
Availability period	15 working days
Storage	3 months/exterior
Storage life	2 years/covered

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References	Window opening max. (cm)	Dimensions (cm)			Weight max. (kg)	linear load max. (N/m)
		L Length	t Thickness	h Height		
9 cm thickness						
Lin09-120	80	120	9	10	24	2.900
Lin09-160	120	160	9	10	31	2.200
Lin09-200	160	200	9	10	39	1.800
Lin09-240	180	240	9	10	47	1.500
12 cm thickness						
Lin12-120	80	120	12	10	25	3.900
Lin12-160	120	160	12	10	32	2.900
Lin12-200	160	200	12	10	40	2.400
Lin12-240	180	240	12	10	48	2000
15 cm thickness						
Lin15-120	80	120	15	15	36	4.900
Lin15-160	120	160	15	15	47	3.700
Lin15-200	160	200	15	15	59	2.900
Lin15-240	180	240	15	15	70	3.700
Lin15-280	220	280	15	15	81	3.200
Lin15-300	240	300	15	15	87	2.900
20 cm thickness						
Lin20-120	80	120	20	15	41	6.500
Lin20-160	120	160	20	15	53	4.900
Lin20-200	160	200	20	15	66	3.900
Lin20-240	180	240	20	15	79	4.900
Lin20-280	220	280	20	15	91	4.200
Lin20-300	240	300	20	15	98	3.800
30 cm thickness						
Lin30-120	80	120	30	15	73	9.800
Lin30-160	120	160	30	15	98	7.400
Lin30-200	160	200	30	15	121	5.900
Lin30-240	180	240	30	15	146	7.400
Lin30-280	220	280	30	15	170	6.300
Lin30-300	240	300	30	15	182	5.900

IsoHemp SA declines all responsibility for misinterpretation of this table. If in doubt, please contact the IsoHemp technical department.

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