

Product sheet.Lintels.



IsoHemp lintels are prefabricated hemp concrete lintels strengthened by a reinforced concrete core, used for door and window openings in hemp block masonry construction.

They are perfectly suited to new construction and interior or exterior renovation projects. These lintels are non-load-bearing and are designed to support the masonry wedge located above the opening. They also help eliminate thermal bridges and provide a continuous, high-performance insulating envelope.

Complementary to the IsoHemp block.

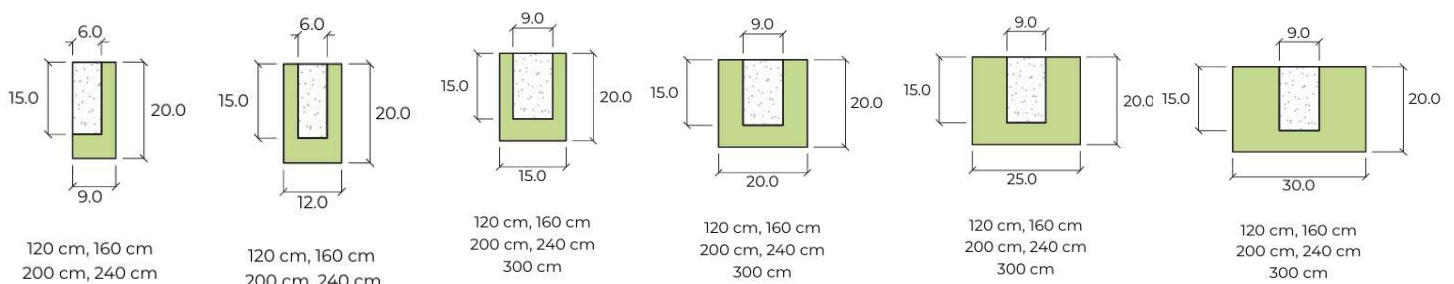
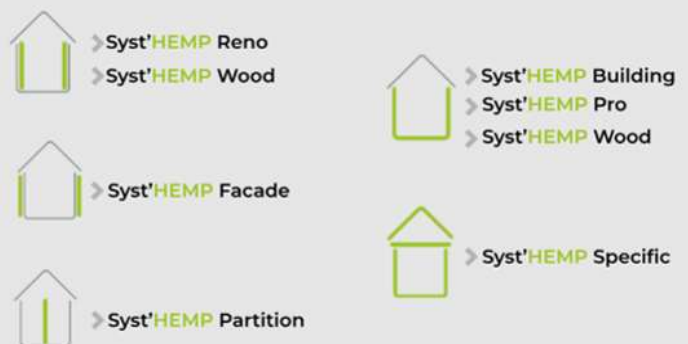


Composition.

Plant-based hemp aggregate (hurds, particle size 2–20 mm) and a mineral binder based on aerial and hydraulic lime.

A reinforced concrete insert.

Fields of application.



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Technical characteristics.	Length (cm)	Thickness (cm)	Height (cm)	Max. bay opening (cm)	Max. weight (kg)
9 cm thickness					
LIN09-120-20	120	9	20	80	34
LIN09-160-20	160	9	20	120	45
LIN09-200-20	200	9	20	160	56
LIN09-240-20	240	9	20	180	68
12 cm thickness					
LIN12-120-20	120	12	20	80	37
LIN12-160-20	160	12	20	120	49
LIN12-200-20	200	12	20	160	61
LIN12-240-20	240	12	20	180	73
15 cm thickness					
LIN15-120-20	120	15	20	80	52
LIN15-160-20	160	15	20	120	70
LIN15-200-20	200	15	20	160	87
LIN15-240-20	240	15	20	180	104
LIN15-300-20	300	15	20	240	130
20 cm thickness					
LIN20-120-20	120	20	20	80	57
LIN20-160-20	160	20	20	120	76
LIN20-200-20	200	20	20	160	95
LIN20-240-20	240	20	20	180	114
LIN20-300-20	300	20	20	240	142
25 cm thickness					
LIN25-120-20	120	25	20	80	61
LIN25-160-20	160	25	20	120	82
LIN25-200-20	200	25	20	160	102
LIN25-240-20	240	25	20	180	122
LIN25-300-20	300	25	20	240	153
30 cm thickness					
LIN30-120-20	120	30	20	80	67
LIN30-160-20	160	30	20	120	89
LIN30-200-20	200	30	20	160	111
LIN30-240-20	240	30	20	180	133
LIN30-300-20	300	30	20	240	166

* All lintels are equipped with hooks for easy handling

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Installation.

Use an IsoHemp lintel whose thickness corresponds to that of the insulating lining. The lintel must be placed with the concrete part facing upwards in order to guarantee its mechanical resistance. Installation is carried out using IsoHemp adhesive mortar. For openings of 160 cm or less, provide a minimum bearing of 20 cm on each side of the bay.
For openings greater than 160 cm, the minimum bearing must be increased to 30 cm on each side. The IsoHemp lintel is not a load-bearing element: it is solely intended to support the masonry triangle above the opening. Design and installation requirements are detailed in the technical guides and constructive solutions developed by IsoHemp.

Storage.

Storage

Sale	Made to order
Lead time	15 working days
Storage	3 months / outdoors
Conservation	2 years / covered

* Store lintels indoors and horizontally. Wedges must support the lintel at the ends during storage.

This technical data sheet is based on our current state of knowledge and practice.
Our products and processes are evolving, and so is this document: please make sure you have the latest version before use.
You can find our latest documentation at www.iso hemp.com



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