

## IsoHemp Lintels

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 9cm, 12cm, 15cm, 20cm and 30cm and in various lengths.

### How to choose your lintel?

The lintel supports the masonry above the opening that's been created. According to the vault principle, the IsoHemp lintel only takes on the triangular load of the masonry ( $P\Delta$ ).



### Advantages

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



### Packaging

|                     | Availabilities       |
|---------------------|----------------------|
| Sale                | By unit and on order |
| Availability period | 15 working days      |
| Storage             | 3 months/exterior    |
| Storage life        | 2 years/covered      |

| References      | Window opening max. (cm) | Dimensions (cm) |               |            | Weight max. (kg) | Handling hooks* |
|-----------------|--------------------------|-----------------|---------------|------------|------------------|-----------------|
|                 |                          | L (Length)      | t (Thickness) | h (Height) |                  |                 |
| 9 cm thickness  |                          |                 |               |            |                  |                 |
| LIN09-120-20    | 80                       | 120             | 9             | 20         | 31               | no              |
| LIN09-160-20    | 120                      | 160             | 9             | 20         | 42               | no              |
| LIN09-200-20    | 160                      | 200             | 9             | 20         | 52               | no              |
| LIN09-240-20    | 180                      | 240             | 9             | 20         | 63               | no              |
| 12 cm thickness |                          |                 |               |            |                  |                 |
| LIN12-120-20    | 80                       | 120             | 12            | 20         | 35               | no              |
| LIN12-160-20    | 120                      | 160             | 12            | 20         | 46               | no              |
| LIN12-200-20    | 160                      | 200             | 12            | 20         | 58               | no              |
| LIN12-240-20    | 180                      | 240             | 12            | 20         | 69               | no              |
| 15 cm thickness |                          |                 |               |            |                  |                 |
| LIN15-120-20    | 80                       | 120             | 15            | 20         | 51               | no              |
| LIN15-160-20    | 120                      | 160             | 15            | 20         | 68               | no              |
| LIN15-200-20    | 160                      | 200             | 15            | 20         | 85               | yes             |
| LIN15-240-20    | 180                      | 240             | 15            | 20         | 102              | yes             |
| LIN15-300-20    | 240                      | 300             | 15            | 20         | 127              | yes             |
| 20 cm thickness |                          |                 |               |            |                  |                 |
| LIN20-120-20    | 80                       | 120             | 20            | 20         | 69               | yes             |
| LIN20-160-20    | 120                      | 160             | 20            | 20         | 92               | yes             |
| LIN20-200-20    | 160                      | 200             | 20            | 20         | 115              | yes             |
| LIN20-240-20    | 180                      | 240             | 20            | 20         | 139              | yes             |
| LIN20-300-20    | 240                      | 300             | 20            | 20         | 173              | yes             |
| 25 cm thickness |                          |                 |               |            |                  |                 |
| LIN25-120-20    | 80                       | 120             | 25            | 20         | 75               | yes             |
| LIN25-160-20    | 120                      | 160             | 25            | 20         | 100              | yes             |
| LIN25-200-20    | 160                      | 200             | 25            | 20         | 125              | yes             |
| LIN25-240-20    | 180                      | 240             | 25            | 20         | 150              | yes             |
| LIN25-300-20    | 240                      | 300             | 25            | 20         | 187              | yes             |
| 30 cm thickness |                          |                 |               |            |                  |                 |
| LIN30-120-20    | 80                       | 120             | 30            | 20         | 80               | yes             |
| LIN30-160-20    | 120                      | 160             | 30            | 20         | 107              | yes             |
| LIN30-200-20    | 160                      | 200             | 30            | 20         | 134              | yes             |
| LIN30-240-20    | 180                      | 240             | 30            | 20         | 160              | yes             |
| LIN30-300-20    | 240                      | 300             | 30            | 20         | 201              | yes             |

\* From 70kg the lintels are equipped with hooks for easy handling.

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