

Installation instructions for brick lintels

Definition:

A brick lintel can be 1 or 2 courses and achieves its load capacity first by means of the upper masonry.

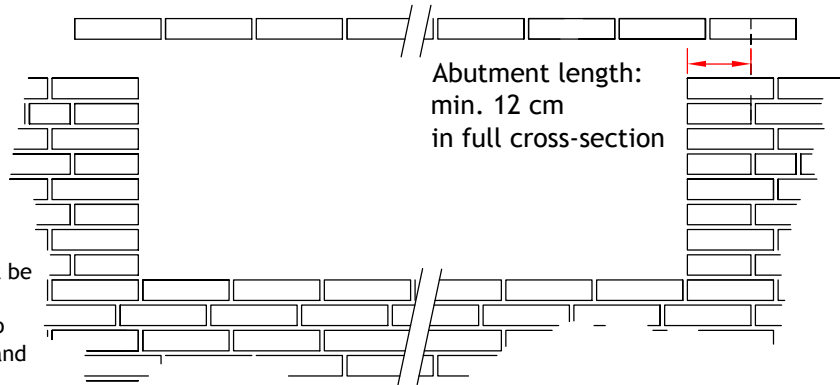
Instructions:

The brick lintel must be supported during bricking. The supporting structure may not be removed until sufficient strength has been obtained in the abutment joint. In order to obtain sufficient strength/adhesion, dust and dirt must be removed from the brick lintel topside prior to incorporation. The topside must be watered - especially if the weather is dry.

The brick lintels are fully hardened after 28 days at 20 degrees. At lower temperatures, the curing time as well as the supporting time will be extended.

The brick lintels cannot harden at temperatures lower than +5 degrees. Therefore, necessary steps must be taken at low temperatures to promote the hardening.

If bricking with FM5 or the similar, the supporting structure can - as a general rule - be removed after approx. 1 week at 20 degrees.



Min. Abutment length:

Lintel length	Abutment
< 1.0 m	½ Brick
1.0 m ≤ < 2.0 m	1 Brick
2.0 m ≤	1½ Brick

Max. supporting structure distance (m):

Brick lintel	Minimums afstand (m)
1 Course	0,6
2 Courses	0,9
3 Courses	1,2

see mur-tag.dk for further info

Removal/drainage of water

On facades exposed to rain/downpour, and where there is much masonry above the window, a TB drain can be used in the 1st or 2nd course above the window followed by folded felt from the inner wall higher up in the masonry.

The felt is led through the facade bed joint and folded up in the mortar joint as a closing so that the felt forms a "tub".

In each side, the TB drain must protrude approx. 10 cm beyond the brick lintel. The roofing felt is taken longer out to avoid that water is led into the drain.

For information on incorporation of the TB drain, please visit:

www.egernsund-tegl.dk

NB:

Please be aware that the felt must be placed on the number of courses first which are no longer significant to the brick lintel load capacity (the number of courses will be provided by Egernsund Tegl).

NB:

Egernsund Tegl shall not be held liable for any damages caused by non-observance of these instructions.

Contact:

For more information on installation of brick lintels, please contact:
Technical Dept. - Egernsund Tegl, tel: +45 7444 2540

Facade Inner wall

