

Installation instructions for brick beams:

Applies to:

Brick beams spanning a wall hole exceeding 3.50 m.
The height of the beam is min. 3 courses.

Instructions:

At the delivery, the brick beam is fitted with embedded RD12 inserts for lifting slings and should be handled by means of those inserts. Lifting must always be made vertically by means of lifting beams.

At the incorporation of beams where there may be a risk of tipping, the beams must be secured from tipping. (Please see the drawing of the brick beam).

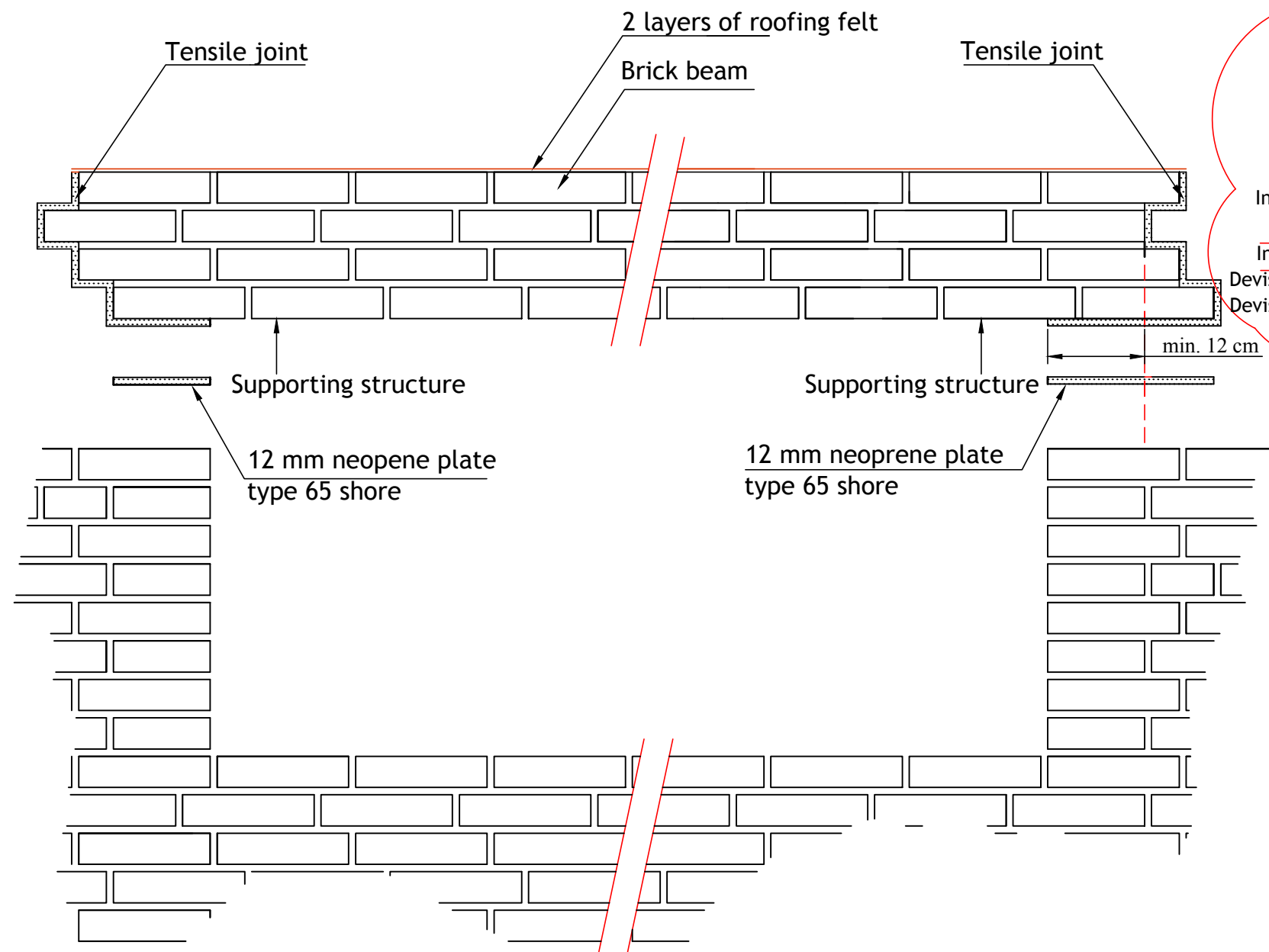
The beams must be supported close to the abutment to prevent compression of the joint. The supporting structures may not be removed until sufficient strength has been obtained in the abutment joint.

NB:

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

Contact:

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



Positioning af facade/inner wall:

Example: Lykkevej 2 60754

Beam no:	Type of stone Facade / Inner wall (f/b)	Bore (mm)	Load (kN/m)	Beam for=pre-stressed reinforcement slab= Slack reinforced, with backcast
1f	f	1812	2	Slack reinforced, with backcast
1b	b	1812	12	
2x	f	3588		
2y	f	3588		
3x	b	2412		
3y	b	2412		
	f			

Abutment length min. 12 cm in all courses

Recommendation

In order to avoid accumulated tensions causing cracking of the masonry, it is recommended to isolate the brick beam from the rest of the masonry by following this procedure:

Place the brick beam on neoprene plates in the full abutment length. Place two layers of roofing felt over the brick beam - the felt is led to the facade. Continue the bricklaying on top of the felt. Use a tensile joint at the beam ends.