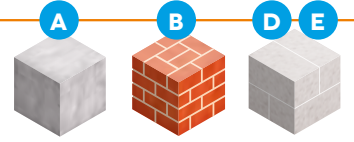


# RIGID INSULATION HAMMER PLUG

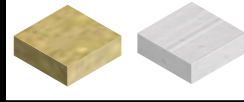
## POLYAMIDE NAIL

**MATERIAL:**

CONCRETE  
SOLID BRICK  
LIGHTWEIGHT  
AGGREGATE  
CONCRETE  
AERATED CONCRETE



SOFT OR RIGID  
INSULATION\*



\*WITH ADDITIONAL FLANGER Ø 90 OU Ø 140



## FEATURES

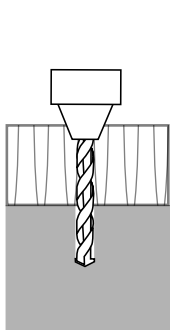
**Material:**

- Plug with washer = polypropylene
- expansion nail = fiberglass polyamide

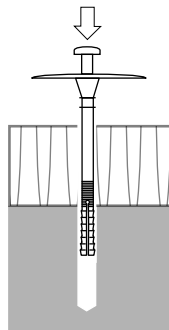
**Characteristics:**

1. Simple and fast setting through the insulation.
2. Polyvalent: suitable for concrete, masonry, aerated concrete.
3. Very good resistance in concrete, solid masonry and aerated concrete.
4. Fiberglass nail, rigid and performance.
5. Zero thermal conductivity.
6. Can be assembled to diam 90 and 140 washers for soft insulation.
7. Wide range: 20-210 mm.

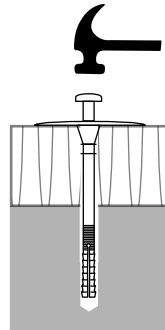
## INSTALLATION



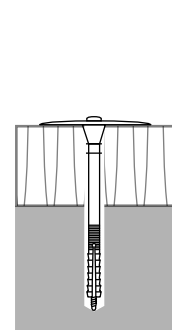
1) Drill the support  
Ø10.



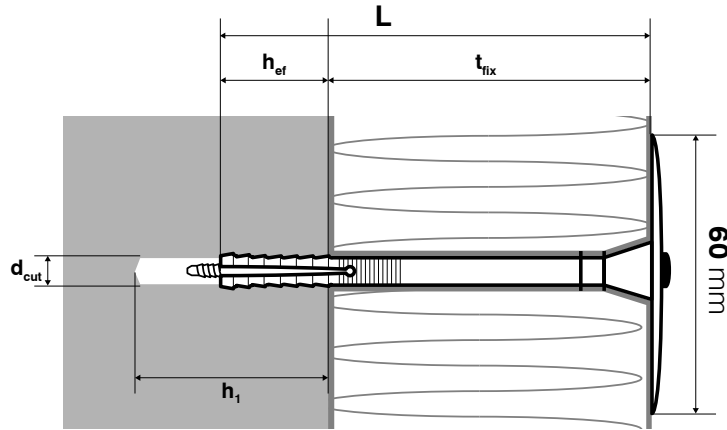
2) Insert the plug  
through the insulant.




3) Set by tapping the nail  
with a hammer (2-3 strokes).



4) Anchorage depth 50mm. In  
renovation structural layers such as  
glue or coating are included in the  
anchoring length of the plug.



L	THICKNESS TO FIX MAX t <sub>fix</sub>	d <sub>cut</sub>	h <sub>ef</sub>	h <sub>1</sub>	Reference	
mm	mm	mm	mm	mm		
70	20	10	50	60	<b>FI10070</b>	<b>200</b>
90	40	10	50	60	<b>FI10090</b>	<b>200</b>
110	60	10	50	60	<b>FI10110</b>	<b>200</b>
140	90	10	50	60	<b>FI10140</b>	<b>200</b>
160	110	10	50	60	<b>FI10160</b>	<b>200</b>
180	130	10	50	60	<b>FI10180</b>	<b>200</b>
200	150	10	50	60	<b>FI10200</b>	<b>200</b>
220	170	10	50	60	<b>FI10220</b>	<b>100</b>
260	210	10	50	60	<b>FI10260</b>	<b>100</b>

## RECOMMENDED LOADS

Allowed loads are calculated on the basis of the loads indicated in ETE with partial coefficients:

- Partial security coefficient of the material  $\gamma_M = 2,0$
- Partial security coefficient of th action  $\gamma_t = 1,4$

