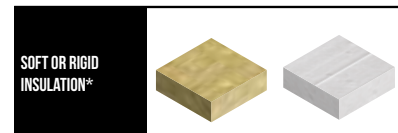
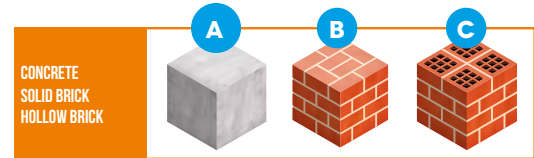


# POLYVALENT INSULATION HAMMER PLUG

## STEEL NAIL

**MATERIAL:**

\*WITH ADDITIONAL FLANGER Ø 90 OU Ø 140



## FEATURES

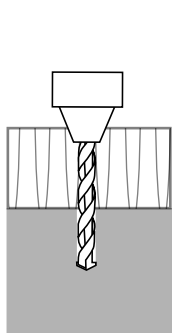
**Material:**

- Plug and washer = polyéthylène.
- Expansion nail = galvanised steel, polyamide PA6 coating on the tip.

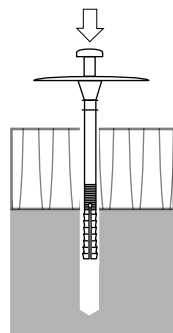
**Characteristics:**

1. Easy and fast setting through the insulation.
2. Suitable for concrete, solid brick, hollow brick (ETE for materials A, B, C).
3. Very good resistance in concrete ( $N_k=150$  Kg), solid brick ( $N_k=150$  Kg) or hollow brick ( $N_k=60$ Kg).
4. Low anchorage depth (25mm) + hole diameter 8mm -> time saving.
5. Low thermal conductivity thanks to the nail head ( $\chi=0,02$  W/K).
6. Can be assembled to Ø 90 and 140mm washers to fix soft insulations.
7. For insulation 70 to 270mm.

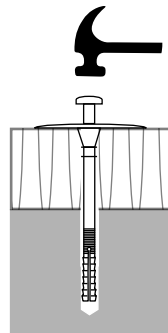
## INSTALLATION



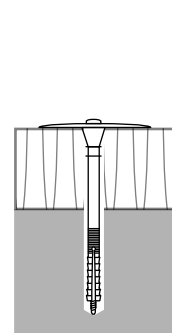
1) Drill the support Ø8



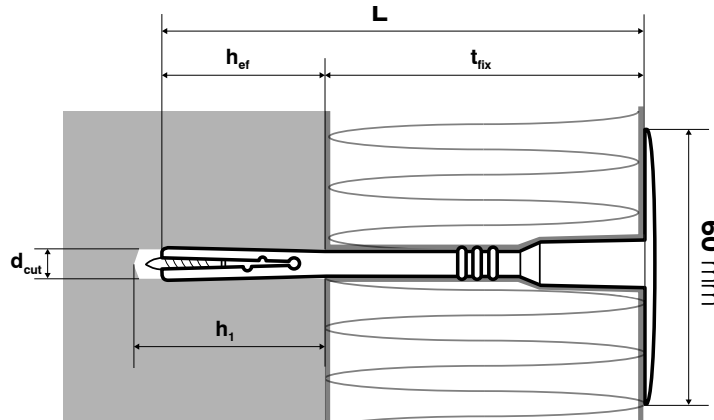
2) Insert the plug through the insulation.




3) Hammer the nail (2-3 strokes)



4) Anchorage depth 25mm, in renovation glue and coating are included in the anchorage 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		
95	70	8	25	35	<b>FIMAX08095</b>	<b>200</b>
115	90	8	25	35	<b>FIMAX08115</b>	<b>200</b>
135	110	8	25	35	<b>FIMAX08135</b>	<b>200</b>
155	130	8	25	35	<b>FIMAX08155</b>	<b>200</b>
175	150	8	25	35	<b>FIMAX08175</b>	<b>200</b>
195	170	8	25	35	<b>FIMAX08195</b>	<b>200</b>
215	190	8	25	35	<b>FIMAX08215</b>	<b>100</b>
235	210	8	25	35	<b>FIMAX08235</b>	<b>100</b>
255	230	8	25	35	<b>FIMAX08255</b>	<b>100</b>
275	250	8	25	35	<b>FIMAX08275</b>	<b>100</b>
295	270	8	25	35	<b>FIMAX08295</b>	<b>100</b>

## RECOMMENDED LOADS

Are calculated based on the values indicated in the ETA with application of security coefficients:

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

