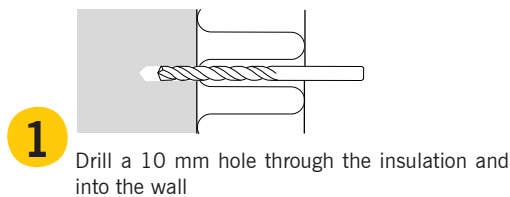


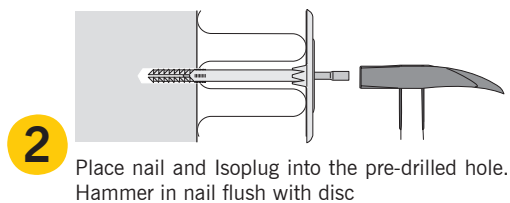
ISOPLUG WITH EXPANSION

Installation:

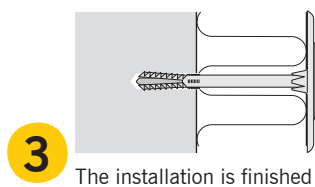
Keeps soft and hard insulation in position on concrete, solid brick, sand lime brick and aerated concrete



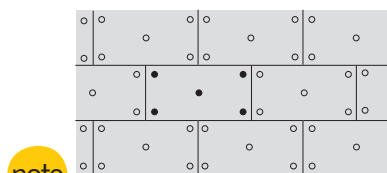
1 Drill a 10 mm hole through the insulation and into the wall



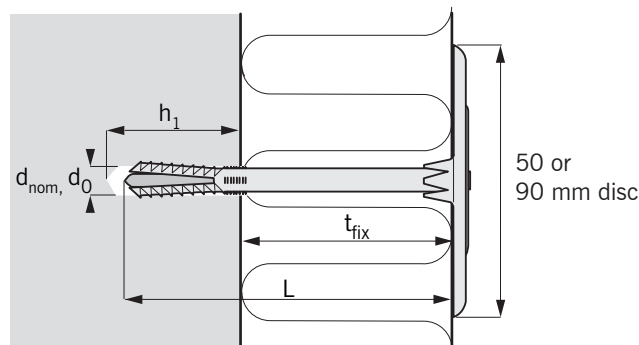
2 Place nail and Isoplug into the pre-drilled hole. Hammer in nail flush with disc



3 The installation is finished



note Correct use and positioning of Isoplug



Type	Dimensions			Fixing		Load Capacities		
	d_{nom}	L	t_{fix}	d_0	h_1	N_{rec}		
Expandet Isoplug with expansion	Outside diameter of anchor mm	Anchor length mm	Thickness of fixture (Max.) mm	Drill hole diameter mm	Depth of drilled hole (Min.) mm	Recommended tension load		
						Concrete kN [◇]	Solid brick kN [◇]	Sand lime brick kN [◇]
10 x 70	10	70	30- 40	10	40	0,22	0,17	0,16
10 x 90	10	90	50- 60	10	40	0,22	0,17	0,16
10 x 110	10	110	70- 80	10	40	0,22	0,17	0,16
10 x 130	10	130	90-100	10	40	0,22	0,17	0,16
10 x 150	10	150	110-120	10	40	0,22	0,17	0,16
10 x 180	10	180	130-150	10	40	0,22	0,17	0,16

◇ Recommended load capacity is maximum for a single anchor in concrete $\geq C20/25$.
 ◇ Recommended load capacity is maximum for a single anchor in sand lime brick and solid brick with a compressive strength of minimum 15N/mm².
 Safety factor is included (≥ 3). 1 kN \approx 100 kg.

Important: See Expandet's "Principles for fastening" for general information on fastening as well as information on limited liability. (Can be downloaded at www.expandet.com)

Advantages:

- No thermal bridge.
- Choose Isoplug according to thickness of insulating material (See table).
- All lengths available with disc:
 - 50 mm for hard insulating boards
 - 90 mm for soft insulating boards

Accessories:

Also available with alum-nail on request.

Materials:

Expandet Isoplug is produced in Polypropylene (PP).
 Withstands temperatures from -40°C to +70°C.
 Expansion-nail is produced in ABS.



EXPANDET SCREW ANCHORS A/S
 Svendebuen 2-6
 P.O. Box 59
 DK-3230 Græsted
 Denmark

Telephone: +45 70 22 79 79
 Telefax: +45 70 22 79 89

Version 06.012

www.expandet.com
expandet@expandet.dk

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