

Insulation fastener IPD



Advantages



IPD 8 with steel nail



IPD 10 with plastic nail (glass fibre reinforced)

- ETA approved for ETICS (external thermal insulation composite systems)
- Suitable for fastening solid insulation boards
- The textured surface of the plate provides a good bond for the plaster
- Stable design and impact resistant material prevents bending when hitting in

Suitable building materials

Very suitable



- Concrete
- Solid brick
- Solid sand-lime brick
- Lightweight solid concrete blocks
- Aerated concrete



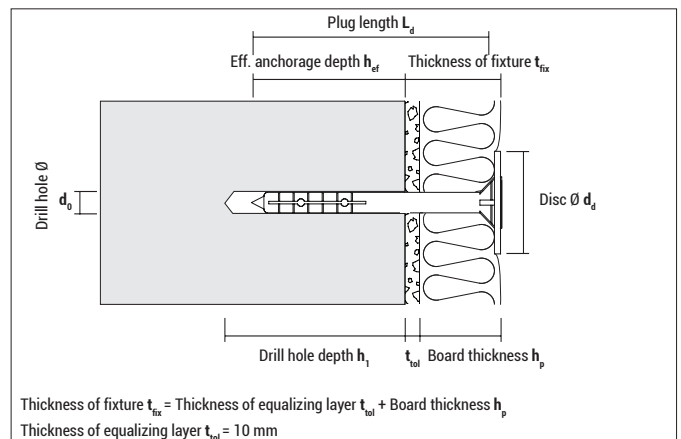
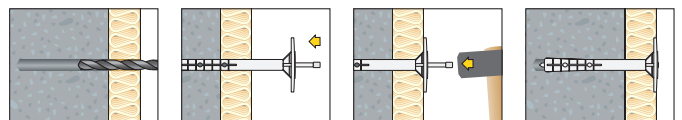
- Hollow brick
- Hollow sand-lime brick
- Lightweight hollow concrete blocks
- Natural stone



Approvals and certificates



Mounting



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IPD 8 with steel nail

Type	Art-No	d ₀ [mm]	h ₁ ≥ [mm]	h _{ef} ≥ * [mm]	L _d [mm]	d _d [mm]	t _{fix} ≤ [mm]	ETA	€ / 100 pcs	[pcs]	[pcs]
IPD 8-95	9895IPD	8	35	25	95	60	70	●		200	–
IPD 8-115	98115IPD	8	35	25	115	60	90	●		200	–
IPD 8-135	98135IPD	8	35	25	135	60	110	●		200	–
IPD 8-155	98155IPD	8	35	25	155	60	130	●		200	–
IPD 8-175	98175IPD	8	35	25	175	60	150	●		200	–
IPD 8-195	98195IPD	8	35	25	195	60	170	●		200	–

* Setting depth h_{ef} = 65 mm for aerated concrete, which reduces the thickness of fixture t_{fix} accordingly



IPD 10 with plastic nail (glass-fibre reinforced)

Type	Art-No	d ₀ [mm]	h ₁ ≥ [mm]	h _{ef} ≥ * [mm]	L _d [mm]	d _d [mm]	t _{fix} ≤ [mm]	ETA	€ / 100 pcs	[pcs]	[pcs]
IPD 10-70	91070IPD200	10	40	30	70	60	40	●		200	–
IPD 10-90	91090IPD200	10	40	30	90	60	60	●		200	–
IPD 10-110	910110IPD200	10	40	30	110	60	80	●		200	–
IPD 10-120	910120IPD200	10	40	30	120	60	90	●		200	–
IPD 10-140	910140IPD200	10	40	30	140	60	110	●		200	–
IPD 10-160	910160IPD200	10	40	30	160	60	130	●		200	–
IPD 10-180	910180IPD200	10	40	30	180	60	150	●		200	–
IPD 10-200	910200IPD200	10	40	30	200	60	170	●		200	–
IPD 10-220	910220IPD100	10	40	30	220	60	190	●		100	–
IPD 10-260	910260IPD100	10	40	30	260	60	230	●		100	–

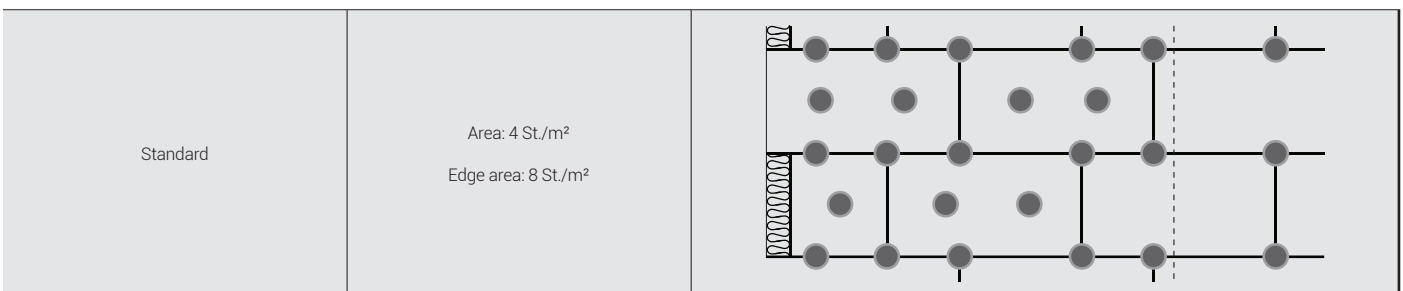
* Setting depth h_{ef} = 50 mm for aerated concrete, which reduces the thickness of fixture t_{fix} accordingly

Loads F_{per} according to ETA

Type	Concrete C12/15 F _{per} [kN]	Concrete ≥ C20/25 F _{per} [kN]	Solid brick Mz F _{per} [kN]	Solid sand-lime brick KS F _{per} [kN]	Hollow sand- lime brick KSL F _{per} [kN]	Hollow brick HLz F _{per} [kN]	Aerated concrete AAC2 F _{per} [kN]
IPD 8	0,17	0,25	0,25	0,25	0,25	0,20	0,25
IPD 10	0,17	0,25	0,25	0,20	0,20	0,20	0,17

F_{per}: Permissible loads according to ETA assessment incl. safety factors
The safety coefficients are 2,0 and 1,5

Example of anchor arrangement for polystyrene hard foam boards 800x625mm, 1000x500mm



For other types of insulation boards, please contact the manufacturer

Edge zone | Normal zone