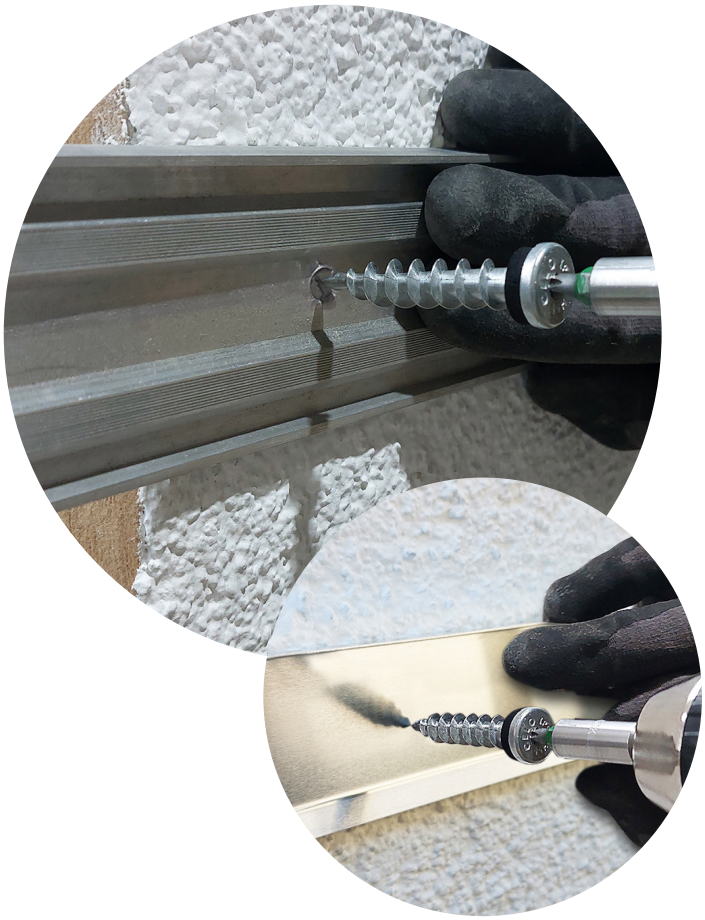
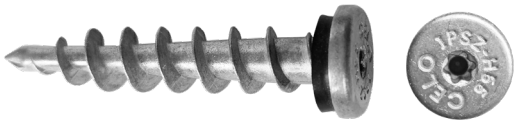
Insulation screw IPSZ-H 55



Advantages



IPSZ-H 55, zinc die casting

- Special screw for direct fastening into wood fibre insulation boards and perimeter insulation panels - extremely fast and without thermal bridges!
- For fastening of wall connection profiles, metal sheets, base protection profiles, cornice covers, motion detectors, lamps, signs, etc. into the insulation material
- Length only 55 mm; therefore also perfectly suitable for small insulation thicknesses (from 60 mm)
- No pre-drilling in plaster due to sharp drilling tip
- Installation directly into aerated concrete AAC2 and AAC4 (with increased pressure) possible
- The drill tip drills through thin sheet metal
- Pre-assembled and ageing, weather and UV-resistant EPDM sealing
- EPDM sealing ensures clean sealing against driving rain up to wind force 11 (violent storm), tested according to DIN EN 1027, no reworking required
- Stylish flat head with TX-recess
- Suitable for clearance holes Ø 8 mm (common for wall profiles)
- Also suitable for light duty fixings in combination with a screw Ø 3,5 mm
- Good corrosion resistance

Suitable building materials

Very suitable

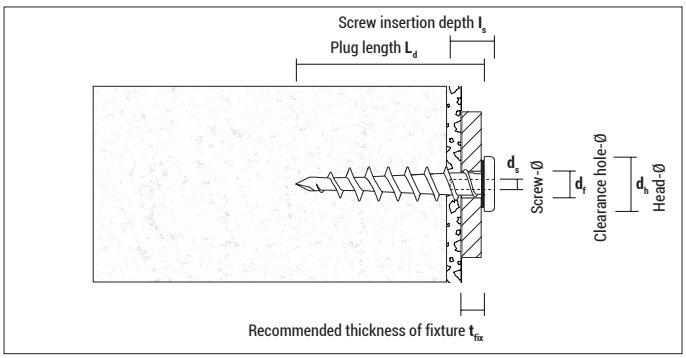
- Wood fibre boards
- Perimeter insulation panels

- Aerated concrete AAC2
- Aerated concrete AAC4

Approvals and certificates

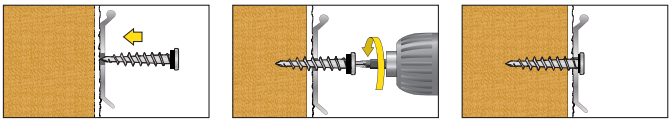
Tested for driving rain tightness by the Prüfzentrum für Bauelemente (Germany)

Insulation screw IPSZ-H 55

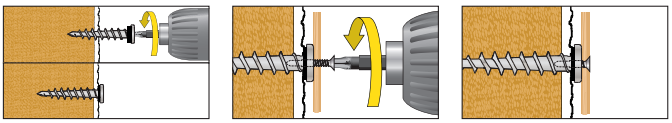


Mounting

Wall connection profiles



Light duty fixings with screw



Usable with: Screw Ø 3,5 mm;
Screw length L_s = 10 mm + Thickness of fixture

IPSZ-H made of zinc die casting, with EPDM sealing

Type	Art-No	L_d [mm]	d_h [mm]	l_s [mm]	d_s [mm]	t_{fix} [mm]	Drive	d_f [mm]	€ / 100 pcs	[pcs]	[pcs]
IPSZ-H 55	955IPSZH	55	16	10	3,5	≤ 10	TX 25	8 – 10 *		50	900

* Soft tinsmith profiles can be drilled directly.

Loads and dimensions

Type	Applications in wood fibre insulation boards unplastered F_{rec}[kN]	Applications in wood fibre insulation boards plastered F_{rec}[kN]	Applications in Polystyrene XPS (perimeter insulation) unplastered F_{rec}[kN]	Aerated concrete AAC2 F_{rec}[kN]	Aerated concrete AAC4 F_{rec}[kN]	Thickness of insulation material or brick ≥ [mm]
IPSZ-H 55	0,10*	ca. 0,12*	0,07	0,16	0,25	60

F_{rec}: Recommended load in all directions incl. safety factor of 5
* Value may differ depending on wood fibre board type as well as type and thickness of the plaster