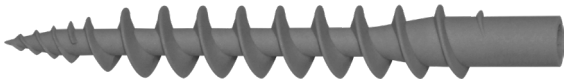
Insulation screw plug IPSD 80

Advantages



- Special screw plug for direct fastening into external thermal insulation composite systems (ETICS) - 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
- To be used with plumber screws 4,5 mm
- Pre-drilling in plaster usually not necessary (≤ 7 mm) due to sharp drilling tip
- 80 mm length for a good hold in the insulation material
- Suitable for clearance holes ≥ Ø 8 mm (common for wall profiles)
- Made out of robust glass-fibre reinforced nylon
- Clean sealing against driving rain up to wind force 11 (violent storm) in combination with plumber screw PLS, tested according to DIN EN 1027, no reworking required

Approvals and certificates

BEST NYLON QUALITY

MADE IN GERMANY

HALOGEN FREE

PfB

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

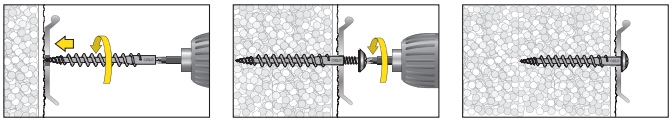
Suitable building materials

Very suitable

- External Thermal Insulation Composite Systems (ETICS)
- Styrofoam boards
- Hard foam boards
- Polystyrene boards
- Wood fibre boards (IPSD-H, see page 104, is recommended)

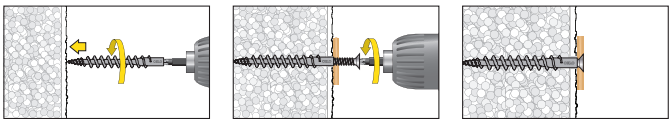
Mounting

Wall connection profiles



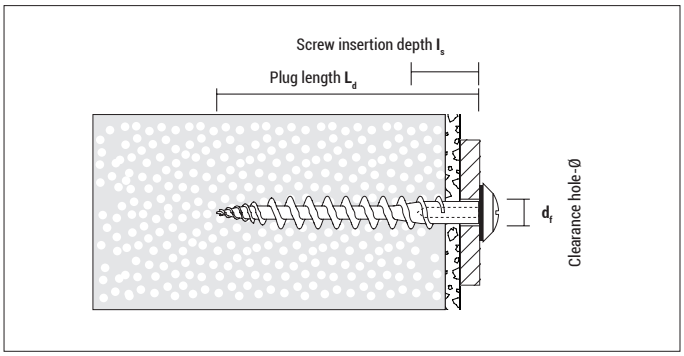
Recommended plumber screw: 4,5x25 mm

Light duty fixings with screw



The IPSD 80 can be installed using a TX25 bit.
Usable with screw Ø 4,5 mm;
Screw length L_s = 15 - 20 mm + Thickness of fixture

Insulation screw plug IPSD



IPSD 80

Type	Art-No	L_d [mm]	l_s [mm]	Drive	d_f [mm]	€ / 100 pcs	[pcs]	[pcs]
IPSD 80	9GR80IPSD	80	20	TX 25	min. 8		50	1.350

A2 STAINLESS STEEL

Plumber screw PLS TX sealing washer Ø = 15,0 mm

Type $d_0 \times L_s$	Art-No	Material	d_0 [mm]	L_s [mm]	Drive	€ / 100 pcs	[pcs]	[pcs]
4,5 x 25	9X4525PLST	stainless steel A2	4,5	25	TX 25		50	1.200
4,5 x 25	9XCO4525PLST	stainless steel A2, copper plated	4,5	25	TX 25		50	1.200

Loads and dimensions

Type	Applications in Polystyrene EPS (PS15, PS20) unplastered F_{rec}[kN]	Applications in Polystyrene EPS (PS15, PS20) plastered F_{rec}[kN]	Application in Rockwool, Coverrock Plus unplastered F_{rec}[kN]	Applications in Polystyrene XPS (perimeter insulation) unplastered F_{rec}[kN]	Thickness of insulation material ≥ [mm]
IPSD 80	0,04	ca. 0,06*	0,02	0,09	80

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