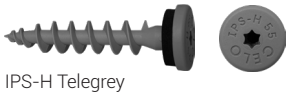
Insulation screw IPS-H 55

Advantages

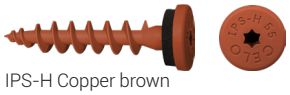
IPS-H Signal white



IPS-H Telegrey

IPS-H Anthracite grey

IPS-H Traffic black



IPS-H Copper brown

IPS-H Sepia brown

IPS-H Chocolate brown

- 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 (≤ 7 mm) due to sharp drilling tip
- Special screw made out of glass-fibre reinforced nylon with EPDM sealing; ageing, weather and UV-resistant
- Pre-assembled and weather resistant 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, different colors
- Suitable for clearance holes ≥ Ø 8 mm (common for wall connection profiles)
- Suitable for light duty fixings in combination with a screw Ø 3,5 mm

Suitable building materials

Very suitable

- Wood fibre boards
- Perimeter insulation panels

Approvals and certificates

BEST NYLON QUALITY

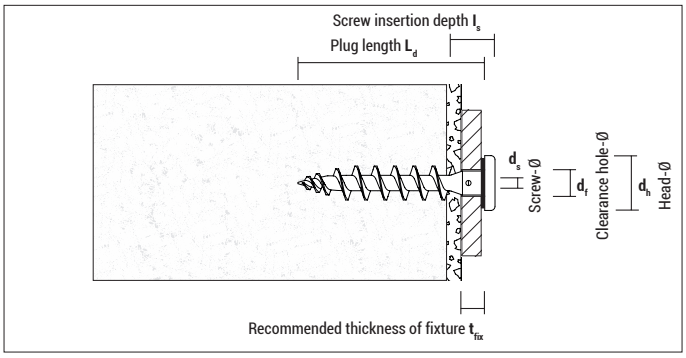
MADE IN GERMANY

HALOGEN FREE

PfB

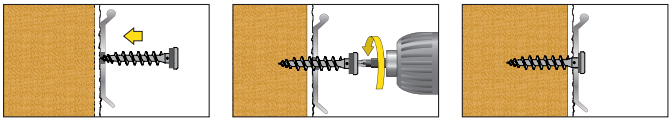
Tested for driving rain tightness by the Prüfzentrum für Bauelemente (Germany)

Insulation screw IPS-H 55

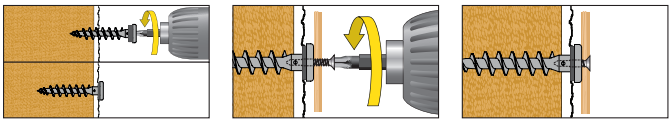


Mounting

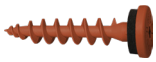
Wall connection profiles



Light duty fixings with screw



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



IPS-H 55 with EPDM sealing

Type	Art-No	RAL-Code	L_d [mm]	d_h [mm]	l_s [mm]	d_s [mm]	t_{fix} [mm]	Drive	d_f [mm]	€ / 100 pcs	[pcs]	[pcs]
IPS-H Signal white	9155IPSH	RAL 9003	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350
IPS-H Telegrey	9GR55IPSH	RAL 7045	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350
IPS-H Anthracite grey	9AN55IPSH	RAL 7016	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350
IPS-H Traffic black	9455IPSH	RAL 9017	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350
IPS-H Copper brown	9CO55IPSH	RAL 8004	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350
IPS-H Sepia brown	9M55IPSH	RAL 8014	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350
IPS-H Chocolate brown	9MO55IPSH	RAL 8017	55	16	10	3,5	≤ 10	TX 25	8 – 10		50	1.350

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]	Thickness of insulation material ≥ [mm]
IPS-H 55	0,10*	ca. 0,12*	0,07	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