TYPE 4 Wall insulation



Wooden distance rail, 28x70 mm

Main girder column, with hot-dip zinc coating (450 g/m²), pre-formed holes

Steel batten, with hot-dip zinc coating (450 g/m²), pre-formed holes

Steel plate VP45, thickness 0,5 mm, with hot-dip zinc coating (275 g/m²), painted (ext. 25 μm, int 15 μm)

Self-tapping, stainless screw with self-vulcanizing seal



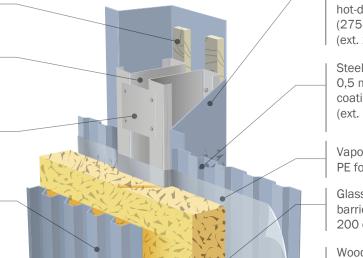
Self-drilling, stainless screw with self-vulcanizing seal



Foundation drip edge, thickness 0,5 mm, with hot-dip zinc coating (275 g/m²), painted (ext. 25 µm)

Foundation insulation

Concrete nail



Steel, column cladding, thickness 0,5 mm, with hot-dip zinc coating (275 g/m²), painted (ext. 25 µm)

Steel plate IP18, thickness 0,5 mm, with hot-dip zinc coating (275 g/m²), painted (ext. 25 μ m, int 15 μ m)

Vapour-resistant layer, PE foil, 0,2 mm

Glass wool with wind barrier, thickness 150, 200 or 220 mm

Wooden distance rail, reducing the thermal bridge, thickness 28, 45 or 70 mm



Galvanized, wood screw



Wall purlin, with hot-dip zinc coating (275g/m² or 450 g/m²), Z-profile

Pre-formed holes

Steel U-profile, with hot-dip zinc coating (275 g/m²)

Two sealing strips

Ground concrete beam

Certificate



Thermal transmittance $H_a IW/m^2K1$

OC [AA\ III K]	8-16°C	>16°C (2014)	>16°C (2017)
U _c required	0,45	0,25	0,23
Insulation thickness (mm)*	150	220	220
U _c	0,37	0,23	0,23
U _o	0,23	0,16	0,16
		ala.	

* Insulation meets required U_c

