TYPE 3 Wall insulation



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

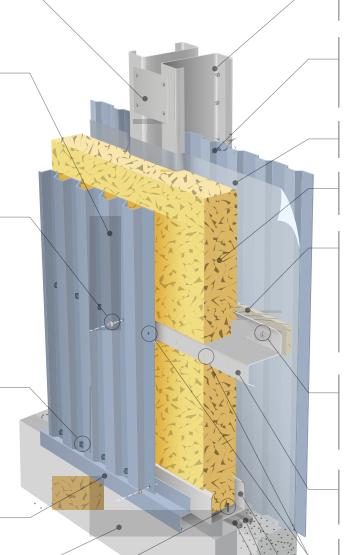


Foundation drip edge, thickness 0,5 mm, with hot-dip zinc coating (275 g/m²), painted (ext. 25 µm)

Foundation insulation

Concrete nail

Ground concrete beam



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

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

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 $(275 g/m^2)$

Two sealing strips

Certificate



Thermal transmittance

U _C [W/m ² 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

* Insulation meets required U_c

