

Technical data sheet Superwand PRO 30/50 mm panel

Product features:

Application: SUPERWAND PRO is used for internal thermal insulation of exterior walls.

Structure of panels: Sandwich element composed of:

5 mm Cover panel with integrated vapour barrier, calendared, chamfered edges

PUR density: 52 kg/m³
 PUR colour lila

Gluing of panels with Jowat Reaktant® 609.40

The glue meets the specifications required for sustainable construction (Minergie Eco) according to the ECO-CFF leaflet (information sheets for ecological construction).

Distance between adhesive strips approx. 12.5 mm

Insulation panel 25/45 mm

PUR density: 40 kg/m³
 PUR colour yellow

Format of panels: 1'230 x 780 x 30 mm, 1'230 x 780 x 50 mm

Packaging: Panel 30 mm: 5 panels/outer carton resp. 12 cartons/palette
 Panel 50 mm: 3 panels/ outer carton resp. 12 cartons/palette

Thermal conductivity: Value λ measured = 0,026 W/mK

Vapour diffusion resistance: $S_D = 550$ m equiv. air space thickness

Temperature resistant: Panel operating temperature
 permanent $T_d = de -20$ à 100 °C
 short-time $T_k = up to 160$ °C

Technical values and tolerances

Thickness:	30,0 mm	50,0 mm
Weight per panel:	approx. 2,4 kg	approx. 3,1 kg
Fire performance:	B2	B2
Measured U-value:	0,86 W/m ² K	0,52 W/m ² K
Measured thermal resistance R-value:	1,15 m ² K/W	1,9 m ² K/W

All data are based on our knowledge and experience. It's intended as an advice without legally binding.

25 Mai 2016