

1.6 STONE WOOL INSULATED FACADE PANEL

Composite facade panel with stone wool insulation core. Provides fire safety, heat and sound insulation.



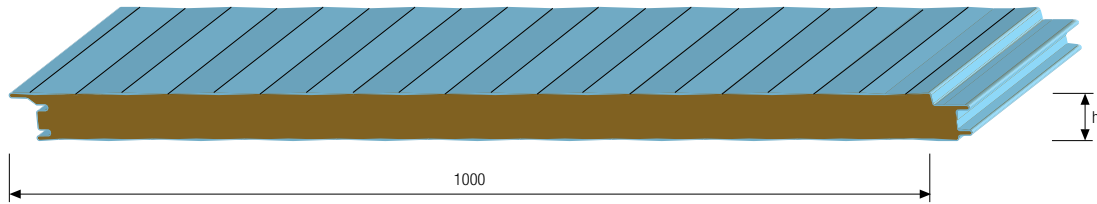
Technical Specifications	SPD 1000 SW
Useful Width (mm)	1000
Sheet Type and Thickness (mm)	Painted Galvanized Sheet (0,50 - 0,60 - 0,70 - 0,80)
Paint Type	Polyester PVdF
Colour	RAL 9002 ^a
Texture	Corrugated, Microlined
Insulation	Stone Wool
Insulation Thickness (mm) - h	50 - 60 - 75 - 80 - 100 - 120
Declared Thermal Conductivity _(10°C) (W/mK)	≤ 0,041
Reaction for Fire	A2-s1, d0

^aIt is the standard colour. Other colours are produced on demand.

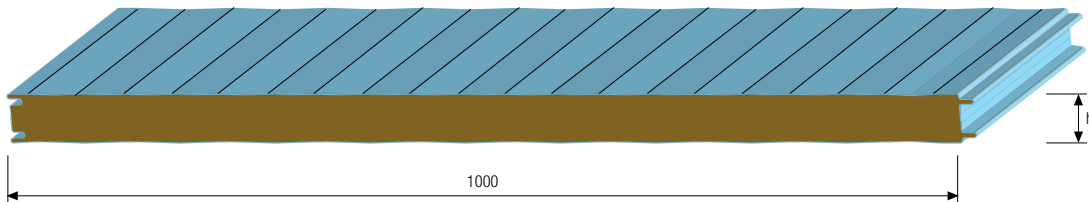
^{**}TS EN 13501-2 +A1: Valid for 100mm thickness and higher.

1.6 PANEL DETAIL

Hidden Screw



Visible Screw

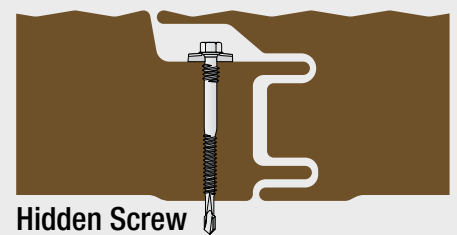


Load Table

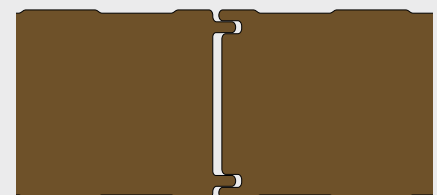
SPD 1000 STONE WOOL INSULATED FACADE PANEL		Multi Support Span (L/200 L=m)						
Panel Thickness (mm)	Panel weights (kg/m ²)	1,0	1,5	2,0	2,5	3,0	3,5	4,0
		Distributed Load Bearing (P=kg/m ²)						
50	14.3	959	503	461	321	181	143	105
60	15.3	1048	550	504	385	266	204	141
75	16.8	1141	599	549	396	281	215	149
80	17.3	1186	622	570	428	285	221	158
100	19.3	1323	694	636	470	304	239	174

Values on the table apply to the sheet thickness of 0,60 (top) + 0,50 (bottom)
Insulated panel weights may vary depending on sheet thickness tolerances.

Panel Joint Detail



Hidden Screw



Visible Screw