

# swissporPIR Premium Plus

Description	PIR insulation panel
Surface	Aluminium coating on both sides
Application Method	Glued or mechanically fixed
Product norm	EN 13165:2012 + A2:2016

Born in the  Alps



## Technical Data

Specifications	Test method	Unit	Requirement
Length <sup>1)</sup>	EN 822	[mm]	1200
Width <sup>1)</sup>	EN 822	[mm]	600
Apparent density ( $\rho$ ) <sup>2)</sup>	EN 1602	[kg/m <sup>3</sup> ]	~ 30
Thickness		[mm]	60 - 180
Thermal conductivity ( $\lambda_D$ )	EN 12667	[W/(m·K)]	0.018
Thermal capacity (c)		[Wh/(kg·K)]	0.39
Resistance to vapour diffusion ( $\mu$ )	EN 12086		~ watertight
Compressive strength ( $\sigma_{10}$ )	EN 826	[kPa]	≥ 120
Compressive creep (50 years, <2%) ( $\sigma_c$ )	EN 1606	[kPa]	25
Reaction to fire	EN 13501-1		E
Maximum packing height (including pallet / spacer)		[mm]	2700
Height of pallet / spacer		[mm]	100
Packaging system			Stretch film (PE)

<sup>1)</sup> Useful dimensions

<sup>2)</sup> Apparent density does not represent an essential characteristic according to the norms SN EN 13165 / SIA 279.165

### Packaging

Thickness [mm]	60	70	80	90	100	120	140	160	180
m <sup>2</sup> / pack	5,76	4,32	4,32	3,60	3,60	2,88	2,16	2,16	2,16

**Safety:** Material Safety Data Sheets are available upon request at the under mentioned mail address of the Team Export.

**Storage:** The material has to be stored in a dry covered place and it is advisable not to exceed 12 months of storage. Protect the product from extremely low temperatures. During storage avoid exposure to direct sunlight.

**Application:** For a correct use of the products, refer to the specific technical documents issued by swisspor Romandie SA anyway the customer is responsible for ensuring that each product is suitable for its intended purpose and that the condition of use are suitable. If any law, norm or regulation different from what declared by the manufacturer is in force in the Country where the product must be installed, this must be considered as compulsory by the applicator and it is his own responsibility to follow the suitable legislative references.

**Disclaimer:** swisspor Romandie SA pursues a policy of constant product development and information contained in this document that is therefore subject to change without notice.

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## swissporPIR Premium Plus

High performance insulation panel made of polyisocyanurate (PIR) with a record breaking  $\lambda_D$  value of **0.018 [W/(m·K)]**. Its exceptional insulation power allows very thin panels to bring a satisfying insulation on pitched or flat roofs, floors, walls and screeds.

Both sides are covered with an **aluminium foil impervious to vapour**.

### Structure

PIR insulation panel, aluminium coating on both sides.

Battered available from 50 mm.

