

# swissporTETTO Alu Difuplan

Description PIR insulation panel  
Surface Aluminium coating on both sides  
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]	2400
Thickness		[mm]	80 - 200
Apparent density ( $\rho$ ) <sup>2)</sup>	EN 1602	[kg/m <sup>3</sup> ]	~ 30
Thermal conductivity ( $\lambda_D$ )	EN 12667	[W/(m·K)]	0.022
Thermal capacity (c)		[Wh/(kg·K)]	0.39
Resistance to vapour diffusion ( $\mu$ )	EN 12086		watertight
Compressive strength ( $\sigma_{10}$ )	EN 826	[kPa]	≥ 100
Compressive creep (50 years, <2%) ( $\sigma_c$ )	EN 1606	[kPa]	20
Reaction to fire	EN 13501-1	-	E

<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

**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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## swissporTETTO Alu Difuplan

High performance insulation panel made of polyisocyanurate (PIR), especially developed for insulation on pitched roof, its large dimensions allows a fast application.

The upper side is finished with a **custom membrane resistant to water penetration** and **open to vapour diffusion**. The integrated undercover allows a very fast **launching out of water**.

Made without halogen, its use **protects the environment and human health**.

It also offers a particularly effective environmental balance sheet.

### Structure

PIR insulation panel, aluminium coating on both sides

It has a shiplap edge finishing on the 4 sides.

### Mounting

Laying parallel to the timber fascia. The mounting is carried out from bottom to top, from right to left.

