

swissporTETTO Combi Alu/MF/Polymer

Description PIR insulation panel with mineral wool sound insulation

Surface Mineral wool on the underside (30mm), integrated undercover

Product norm EN 13165:2012 + A2:2016

Born in the  Alps

Technical Data

Specifications	Test method	Unit	Requirement
Length ¹⁾	EN 822	[mm]	2350
Width ¹⁾	EN 822	[mm]	1000
Thickness		[mm]	80 - 280
Apparent density (ρ) ²⁾	EN 1602	[kg/m ³]	~ 30
Thermal conductivity (λ_D)	EN 12667	[W/(m·K)]	0.022
Thermal capacity (c)		[Wh/(kg·K)]	0.39
Resistance to vapour diffusion (μ)	EN 12086		watertight
Compressive strength (σ_{10})	EN 826	[kPa]	≥ 100
Compressive creep (50 years, <2%) (σ_c)	EN 1606	[kPa]	20
Reaction to fire	EN 13501-1	-	E

Specifications mineral wool	Test method	Unit	Requirement
Length ¹⁾	EN 822	[mm]	2350
Width ¹⁾	EN 822	[mm]	1000
Thickness		[mm]	30
Apparent density (ρ) ²⁾	EN 1602	[kg/m ³]	~ 120
Thermal conductivity (λ_D)	EN 12667	[W/(m·K)]	0.035
Thermal capacity (c)		[Wh/(kg·K)]	0.23
Resistance to vapour diffusion (μ)	EN 12086		1
Reaction to fire	EN 13501-1	-	A1

¹⁾ Useful dimensions

²⁾ 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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High performance insulation panel made of polyisocyanurate (PIR).

Its underside is covered with a layer of **sound insulation**. The integrated undercover resists to temperature increases induced by **solar photovoltaic or thermal installations**.

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

It also offers a particularly effective environmental balance sheet.

This panel has been particularly developed for the insulation of **sloping roofs**, it is installed on the supporting structure (on rafters) alone or combined with insulation between rafters. It is an **ideal product for renovation**. Large format, it is **simple and quick to install**.

Structure

PIR insulation panel, aluminium coating on both sides, underside covered with a mineral wool layer, upper side covered with an undercover strip. Adhesive cover strips and an additional welding strip.

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.

