

swissporPIR KAL Premium Plus

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

Born in the  Alps



Technical Data

| Specifications | Test method | Unit | Requirement |
|--|-------------|----------------------|-------------------|
| Length ¹⁾ | EN 822 | [mm] | 1200 / 2400 |
| Width ¹⁾ | EN 822 | [mm] | 600 / 1200 |
| Apparent density (ρ) ²⁾ | EN 1602 | [kg/m ³] | ~ 30 |
| Thickness | EN 823 | [mm] | 20 - 180 |
| Thermal conductivity (λ_D) | EN 12667 | [W/(m·K)] | 0.018 |
| Thermal capacity (c) | | [Wh/(kg·K)] | 0.39 |
| Resistance to vapour diffusion (μ) | EN 12086 | | ~ watertight |
| Compressive strength (σ_{10}) | EN 826 | [kPa] | ≥ 120 |
| Compressive creep (50 years, <2%) (σ_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) |

¹⁾ Useful dimensions. Format 1200 x 2400 mm available on request.

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

Packaging

| Thickness [mm] | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 |
|-----------------------|------|-------|------|------|------|------|------|------|------|------|------|------|------|
| m ² / pack | 14.4 | 11.52 | 8.64 | 7.20 | 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.

swisspor Romandie SA
 Ch. du Bugnon 100 – CP 60
 1618 Châtel-Saint-Denis
 Tel. +41 21 948 48 48
 export@swisspor.com
 www.swisspor.ch



swissporPIR KAL Premium Plus

High performance insulation panel made of polyisocyanurate (PIR) with a record breaking λ_p 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 kraft foil resistant to vapour diffusion**.

Structure

PIR insulation panel, aluminium coating on both sides.

Battered available from 50 mm.

