

EasyClean-KombiPan

For special structural and safety requirements

- Standard steel sandwich panel with insulating core, subsequently coated with FRP
- Base element, e.g. from Romakowski or Kingspan
- Combines high strength, load-bearing capacity and excellent insulation with an FRP surface that is hygienic, easy to maintain and durable
- Meets stringent hygiene requirements for demanding applications

EasyClean-KombiPan also uses the proven KL 25 Hard Joint. This hard joint is considerably more durable and dimensionally stable than conventional soft expansion joints and provides no foothold for dirt or mould.

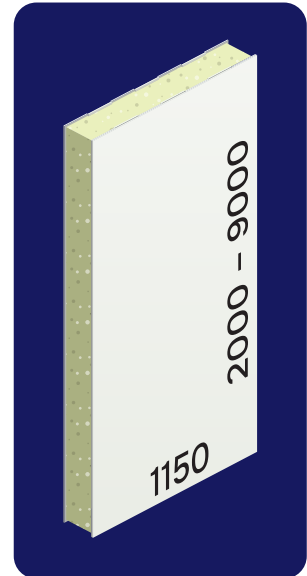


Element dimensions

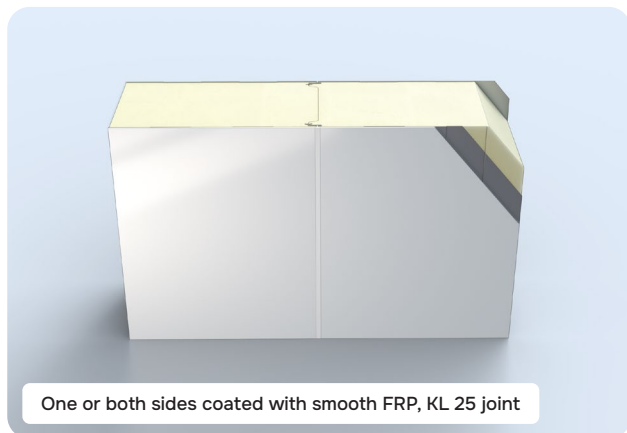
↔ **Width**
1,150 mm

↕ **Length**
2,000 to 9,000 mm

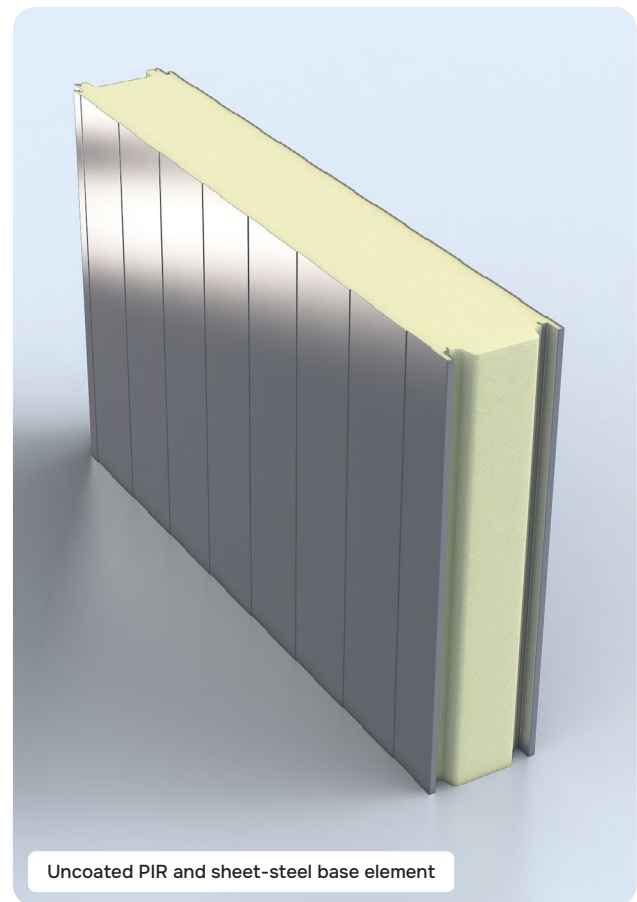
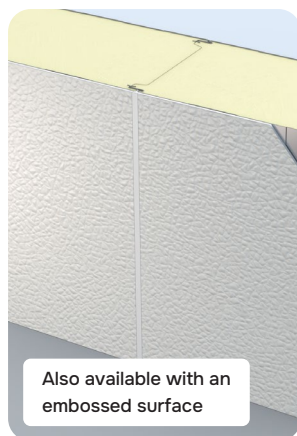
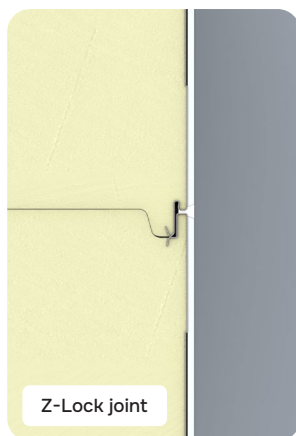
> < **Thickness**
45 to 220 mm



Darstellungen



SAMPLE SEGMENTS



Base-element material

FACING LAYERS



Sheet steel

0.5 / 0.6 mm galvanised sheet steel
25 mm paint coating, lined

INSULATING CORE



Rigid PIR foam

in accordance with DIN EN 13165

Approx. density: 40 kg/m³

All technical data is based on information supplied by Romakowski GmbH & Co. KG and only constitutes a warranted characteristic where expressly confirmed as such in writing for the individual case.

FRP coating

FRP

GlasPro®



Embossed

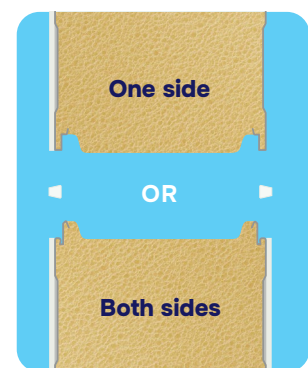


Smooth

Thickness: 2 mm
1.5 mm

Coating: Traffic White RAL 9016
Gelcoat, film, none

1 or 2 sites



Options:



HACCP+



AntiBac

Additional:

Flame-retardant FRP
Class B-s2,d0 (EN 13501-1)

Full details of our facing layers are available in:



ECP Data Sheet GlasPro

Available at www.ecp-gfk.de/en/downloads



Reaction to fire

Normal flammability

Building material class: normally flammable E (EN 13501-1)/ B2 (DIN 4102)



Flame-retardant

Optional:

Building material class: flame-retardant C-s2,d0 (EN 13501-1)/ B1 (DIN 4102)

[Base element B-s2, d0 (without FRP-Coating) according to EN 13501-1]

Tested: Romakowski Type P incl. 1.5 mm embossed FRP, thickness range 45–200 mm

Thermal insulation performance

Steel sandwich panel (example: Romakowski Type P)

Nominal element thickness [mm]	U-value [W/(m ² ·K)] EN 14509 with joint
45	0.540
60	0.388
80	0.285
100	0.226
120	0.187
140	0.160
170	0.131
200	0.111
220	0.101

The following measured thermal-conductivity values λ_B in accordance with DIN 4108-4 are to be used in the formulas and produce the insulation values shown in the table:

- **Roma Typ P** $\lambda_B = 0.0226 \text{ W/(m·K)}$

Benefits of the combination

Our self-supporting sandwich modules provide continuous core insulation with thermal-bridge-free joints. The robust FRP coating is chemically resistant, easy to clean and safe for food-contact environments. The virtually seamless surface with KL 25 Hard Joint meets the highest hygiene requirements - ideal for food-processing rooms and wet areas such as ripening, cold-storage and washing facilities.

