

EasyClean-Pan® Renovation Elements

Ideal for retrofitting existing structures

- Lightweight wall and ceiling system for retrofitting existing wall and ceiling surfaces
- Significant improvement of component surfaces where stringent hygiene standards apply
- Ideal for interiors in food-processing facilities
- Thin sandwich panels with various insulation materials in thicknesses up to 60 mm
- Hygienic, durable FRP facing with optional easy-to-clean KL 25 Hard Joint
- Reverse side available in FRP or more cost-effective alternatives
- Quick and straightforward installation on existing structures

Dimensions

Width

1,190 mm



Length

500 to 9,000 mm
(max. 4,000 recommended)

Thickness

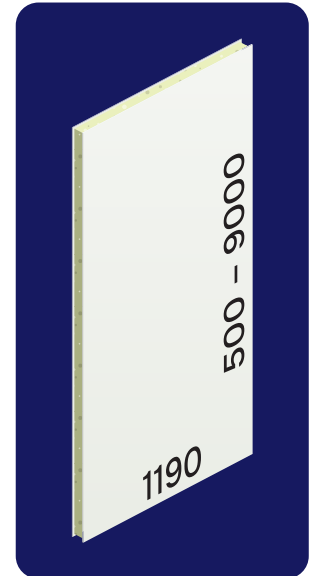
20 to 60 mm

EPS 20 to 60 mm

PIR 20 to 60 mm

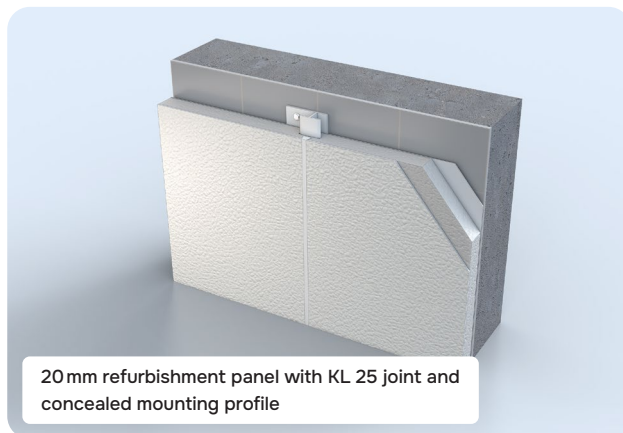
MW 40 to 60 mm

(in 10 mm increments)

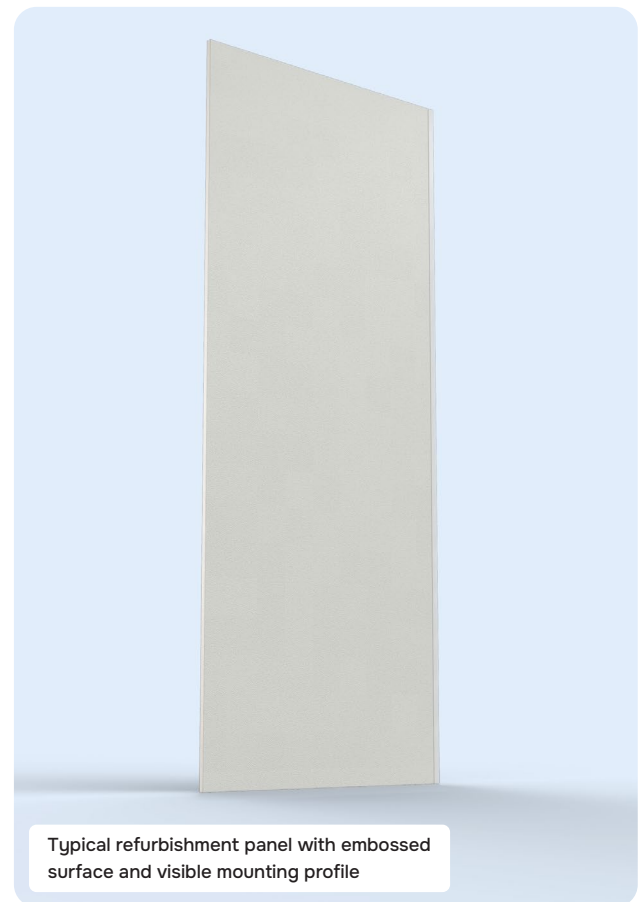


Overlengths, short lengths and special dimensions are also available on request. Manufacturing tolerances based on DIN EN 14509.

Illustrations



SAMPLE SEGMENTS



Material options

FACING LAYER

A

View side



FRP

GlasPro®



Embossed



Smooth

Thickness: 2mm
1.5mm
1.2mm

Traffic White RAL 9016

Coating:
Gelcoat, film, none

Options:



HACCP+



AntiBac

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

INSULATION CORE



Rigid EPS foam

in accordance with DIN EN 13163



Rigid PIR foam

in accordance with DIN EN 13165



Mineral wool

in accordance with DIN EN 13162

Non-combustible



All core insulation materials are free of HBCD and CFC/HCFC!

FACING LAYER

B

Installation side



Same as facing layer A OR ...

Only recommended
for concealed areas

FRP

1mm thick
Reverse-side material
with low visual
requirements



from 30 mm

Sheet steel

galvanised (Z275)
0.5mm thick
lined / smooth
colour-coated
polyester 25µm

RAL 9002

Only recommended
for walls

Aluminium foil

0.08 mm thick
coarse-grain
embossed, white

Full details of our facing layers are available in:



ECP DB GlasPro

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

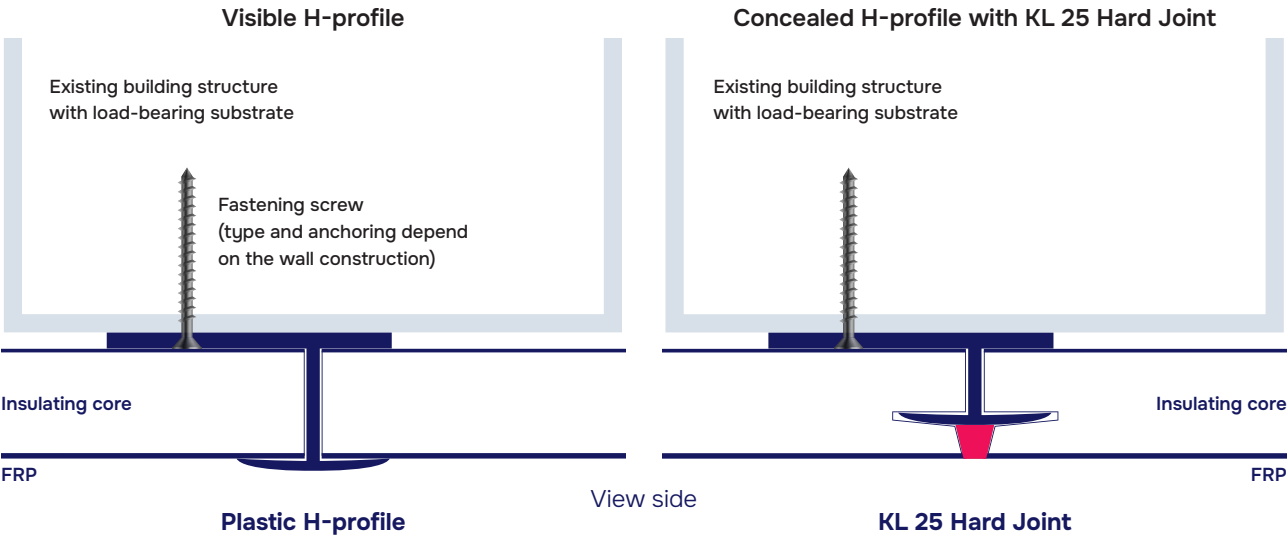
Reaction to fire
Normal flammability

Composite element normal flammability
Class E (DIN EN 13501-1), corresponds to B2 (DIN 4102)



Panel connections

Depending on the panel thickness and joint design, either a visible or concealed H-mounting profile is used. The visible profile not only secures the panel to the wall or ceiling, but also covers the gap between two panels.



Thermal insulation performance

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:

- **EPS** $\lambda_B=0,040 \text{ W}/(\text{m}\cdot\text{K})$
- **PIR** $\lambda_B=0,027 \text{ W}/(\text{m}\cdot\text{K})$
- **MW** $\lambda_B=0,048 \text{ W}/(\text{m}\cdot\text{K})$

Insulation-core thickness [mm]	U-value [W/(m²·K)]		
	EPS 040	PIR 027	MW 048
20	2	1.350	2.400
30	1.333	0.900	1.600
40	1	0.675	1.200
45	0.889	0.600	1.067
60	0.667	0.483	0.800

Installation instructions

EasyClean-Pan® refurbishment panels are secured to walls and ceilings using H-mounting profiles. Installed with screws, the H-mounting profiles enclose the panels along their side edges. On ceilings, a suspended version using the T-profile is also possible in addition to direct screw fixing.



Legal notice

The information contained in this document is based on our current knowledge and experience under normal conditions and provided the products are stored and used correctly. It does not constitute

warranted characteristics in the legal sense and does not release the user from the obligation to independently verify the products' suitability for the intended use.