

FRP renovation elements

TECHNICAL DATA SHEET

Product description - range of application

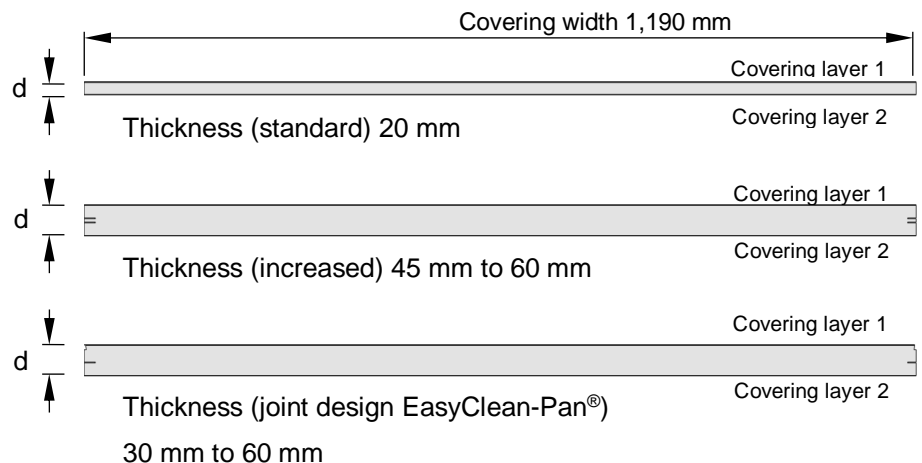
The product **FRP renovation elements** is a wall and ceiling covering system to improve the component surfaces when high hygienic requirements placed on these, which cannot be met by not covered surfaces, e.g. at interiors of food processing craft.

- self-supporting sandwich panels consisting of an non-flammable insulating core with top and bottom cover layers
- non-corrosive FRP cover layers, safe for contact with unpacked food, resistant to aggressive chemicals⁽¹⁾, easy to clean
- fast and easy installation

Technical data

Dimensions:

Cross section of the element:



Joint design:	FRP covering layer	plastic H-profile (standard) system joint EasyClean-Pan® (KL25) (visible side)
Available lengths:	between 2.00 m and 4.00 m	short lengths < 2.00 m with extra charge, excessive lengths on request
Manufacturing tolerances:	based on DIN EN 14509	
Fire behaviour:	composite panel normally flammable, class E (DIN EN 13501-1), equivalent to B2 (DIN 4102)	
Mounting:	H-mounting profile on a stable ground	

¹ See the separate data sheet for resistance to usual chemicals.

Materials:

Covering layer 1 (variants):

FRP, white (similar RAL 9016)

- 1.2 mm thick, flat with gelcoat surface sealing
- 1.5 mm thick, flat with gelcoat surface sealing and fabric insert
- 2.0 mm thick, flat with gelcoat surface sealing and fleece insert
- 2.0 mm thick, structured with foil sealing

Covering layer 2 (variants):

- FRP in accordance with covering layer 1
- Galvanized steel sheet (Z275), thickness 0.5/0.6 mm, primed or colour-coated (standard: polyester 25 µm, RAL 9002), surface lined or flat
- Aluminium foil 0.08 mm thick, coarse grain embossed, white

Insulating core:

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

- EPS rigid foam according to DIN EN 13163
- PIR rigid foam according to DIN EN 13165