B-HYGIENIC FRP POLYESTER SHEET

CHARACTERISTICS

- FOOD-SAFE & accepted by HACCP, EU, BRC, FDA, USDA, ...
- Afsset (A+) certificate (lowest possible emissions in the interior)
- Economical (less cleaning product is needed) and ecological
- Chemical resistant (e.g. blood, acids, brine, milk, ...)
- Water- and dirt resistant
- Bacteria repellent and anti-fungal
- High impact- and scratch proof
- Anti-static and non corrosive
- Easily and simply cleanable
- Quick and easy to install (modular system)
- Suitable for heated and cooled spaces
- Optional fire retardant (Standard Euroclass E)
- Anti-graffiti (ideal for public spaces)
- Doesn't discolour and assumes no odors
- Easy repairable (with B-Hygienic HygiSeal)
- Available in all RAL colours (standard RAL 9016 = hygienic white)
- Also available with a decorative tile, wood or stone finishing (FRP Deco Sheet)

IDEAL FOR BOTH NEW CONSTRUCTIONS AND RENOVATION!

PRODUCT DESCRIPTION

The B-Hygienic **FRP** sheet is a **F**ibreglass **R**einforced mono composite **P**olyester sheet, opaque, available with a smooth or embossed surface. The B-Hygienic FRP sheet is the base for the products Insupanel, Renopanel, RenoCemPanel, RenoWo-Panel, HygiCeil, HygiGyps and HygiWall.

APPLICATIONS

Hygienic protection for smooth or slightly damaged walls: food processing plants, bakeries, meat processing industry and butcheries, restaurants and mass caterings, fish factories and stores, milk and cheese industrie, slaughter houses for cattle and poultry, hatcheries and egg processing companies, clean rooms, cold rooms, hotels, hospitals, public buildings (schools, kitchens, toilets, ...), transportation (bus stations, subway, train stations, airports, ...), health clubs and amusement parks, sports and training facilities (changing rooms and showers), commercial buildings (shopping centers. ..), fuel stations, car and truck wash, garages, chemical and petrochemical industry, hygienic locks, laboratories, beer and beverage industry, marine applications like fischer vessels, oil platforms, truck lorries, containers, traffic signs, ...

BEFORE   AFTER

TECHNICAL INFORMATION

FRP surface:	Embossed	Smooth (+ film)	Smooth Extra (glossy)	Smooth Extra Mat	Woven Matt
Dimensions:	2,5 x 1,2 m (3 m²) 2,75 x 1,2 m (3,3 m²) 3 x 1,2 m (3,6 m²) 3,5 x 1,2 m (4,2 m²) 4 x 1,2 m (4,8 m²) 200 x 1,2 m (240 m²) 250 x 1,2 m (300 m²) Other sizes on demand	2,5 x 1,2 m (3 m²) 3 x 1,2 m (3,6 m²) 3,5 x 1,2 m (4,2 m²) 4 x 1,2 m (4,8 m²) 250 x 1,2 m (300 m²) Other sizes on demand	2,6 x 1,2 m (3,12 m²) 3 x 1,2 m (3,6 m²)	2,6 x 1,2 m (3,12 m²) 3 x 1,2 m (3,6 m²) 250 x 1,2 m (300 m²) Other sizes on demand	On demand
Length/width tolerance:	0,2 - 0,5 %				
Squareness:	Panels are within 3,18 mm of square.				
Polyester thickness: *(bolt = standard)*	1 - **1,5** - **2** - **2,3** - **3** - 3,2 mm	0,6 - 0,8 - 1 - **1,5** - **2** - 2,3 - 3 - 3,2 mm	**2** mm		1,5 - 2 mm
Thickness tolerance:	+/- 10%				
Weight / m²	+/- 3 kg (for e.g. 2,3 mm embossed - For other thicknesses weight on demand)				
Colour:	Standard RAL 9016 (hygienic white), other colours on demand.				
Fire class:	Standard Euro Class E Optional Euro Class C-s3,d0 Optional Euro Class B-s2,d0		Standard Euro Class E		
Temperature:	- 60 °C / + 60 °C (up to + 80 °C, depending on the exposure time)				

ACCESSORIES

- Start/end U profile
- Nylon plug
- White sanitary silicones
- Hard Fix Glue
- Plinths and kerbs
- Round coving (Standard or full PVC)
- H profile (1 or 2 pieces)
- L profile (PVC, FRP or Stainless Steel)
- HygiSeal (seamless connection)
- HygiGum (Cleansing Sponge)
- ...

CONSUMPTION

- **Hard Fix Glue / m²:**   600 - 800 ml
- **White silicone / m²:**   150 ml
- **HygiSeal / lm of joint:** 45 - 55 ml

CONNECTION

HygiSeal (seamless connection)
Hard Fix Glue
FRP sheet
White sanitary silicones
PVC H profile (2 pieces)