

# PANEL SANITARIO FM

**FIBER MINERAL FIRE RESISTANT**

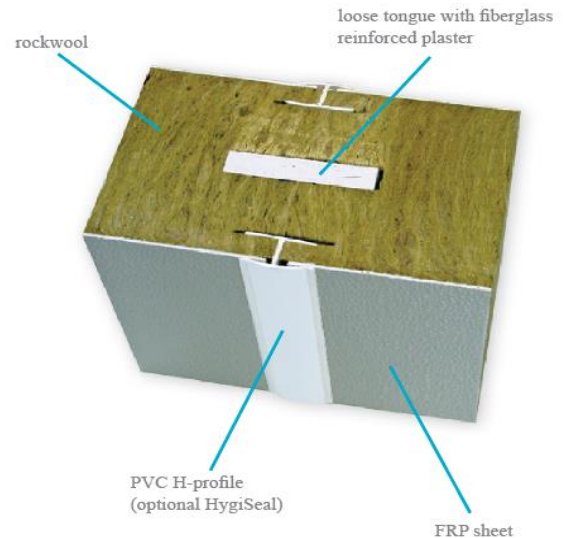
## B-HYGIENIC HYGIROCK SANDWICH PANEL

FRP SANDWICH PANEL WITH ROCKWOOL

### CHARACTERISTICS FRP



- Food safe (HACCP, EU, BRC, FDA, USDA, ...)
- Economical (less cleaning product is needed)
- Chemically resistant (e.g. blood, acids, brine, milk, ...)
- Water- and dirt resistant and anti-fungal
- High impact- and scratch proof
- Easily and simply cleanable
- Quick and easy to install (modular system)
- Suitable for heated and cooled spaces.
- Fire retardant (optional, standard Euroclass E)
- Anti-graffiti (ideal for public spaces)
- Does't discolour and doesn't take in smells
- Non corrosive
- If necessary, easy reparable
- Available in all RAL colours (standard RAL 9010 = hygienic white)



### PRODUCT DESCRIPTION

The B-Hygienic sandwich panel with rockwool core is used where high demands are made on fire resistance. The rockwool core has a Euroclass A2-s1,d0 certificate. The panel is available with both sides B-Hygienic FRP polyester smooth or embossed as one-sided B-Hygienic FRP and on the other side galvanized steel with or without a coating. The joint between the panels can be closed with profiles, or optional seamless with the unique B-Hygienic HygiSeal product.

### TECHNICAL INFORMATION ROCKWOOL

The rockwool fibers are vertically structured so that high pressure and shear forces can be absorbed.

**Rockwool, non-flammable with Euroclass A2-s1,d0 certificate:**

Density : 125 kg/m<sup>3</sup>  
Compressive strain: 110 kPa  
Thermal conductivity classification: 045  
Thermal conductivity: 045 W/(mK)  
Specific heat capacity: 0,84 kJ/(kgK)  
Moisture behavior: continuous waterproof  
Water vapor diffusion resistance: 1,4μ

### TECHNICAL INFORMATION FRP

Standard Euroclass E  
Optional Euroclass C-s3,d0 or B-s3,d0  
Smooth surface (2 mm) or embossed (2,3 mm)

### DIMENSIONS

Width: 1200 mm  
Length: according to specifications

### APPLICATIONS

Food industry  
Restaurants & kitchens  
Cleanrooms  
Public buildings with high hygienic requirements such as hospitals, schools, stations, etc..  
Pharmaceutical plants  
Chemical Industry  
...

### CONNECTION

The panels are supplied with loose tongue consisting of fiberglass reinforced plaster.

**Finishing polyester compound:**

- Standard with PVC H-profile.
- Optional B-Hygienic Hygiseal seamless finish

