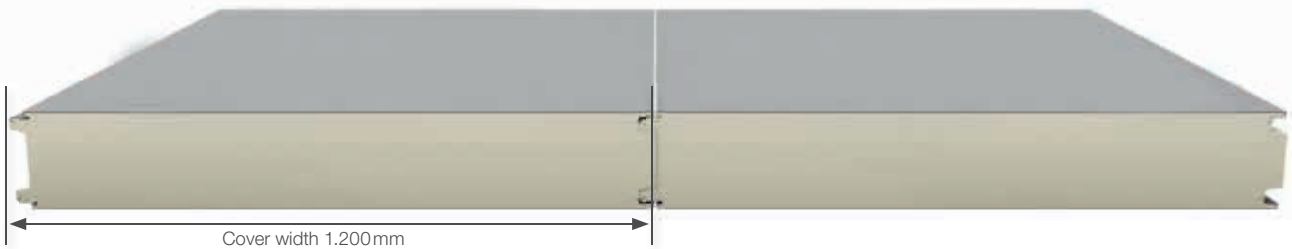


// The GRP plate „FS 5000“

// FS 5000 – excellent properties for high demands



If required, you can order our ems-isolier® panels with the **special FS5000** coating; this is characterised by a structured and smooth finish on the visible side. The GRP plate FS 5000 (glass fiber reinforced plastic plate), with a thickness of 2.0 mm and enhanced with an additional PET film or gelcoat surface treatment, provides first-class corrosion behaviour under aggressive circumstances.

Both surfaces also protect reliably against bacteria, germs, and many chemicals. The GRP plate FS 5000 ensures a highly effective and efficient surface protection for the use in coldstore construction and food safe areas.

- Fruit processing
- Butchery
- Ice and dairy products
- Areas with drinking water
- Wall surfaces in hospitals
- Wetroom
- Spaces of food processing
- Ripening rooms for cheese
- Clean rooms



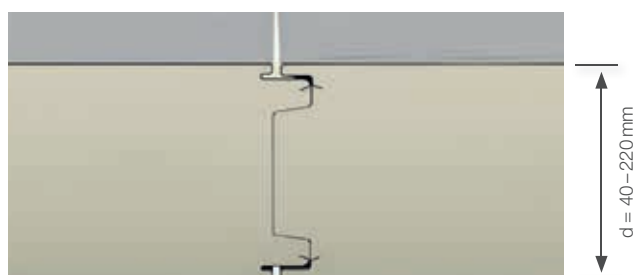
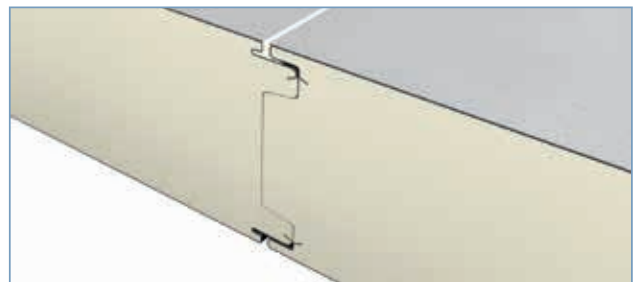
GRP-Application FS 5000 in „structured“

// Advantages and features

- Suitable for indoor use in the food industry with high demands on resistance against mechanical loads
- Very good chemicals and stain resistance due to injury-insensitive surface
- Food safe and easy to clean surface
- Robust, abrasion-resistant and durable
- Can be used from -2 °C to +30 °C

On demand:

- FS 5000 is available with our panel ems-isolier® POLAR and ems-isolier® panel EM
- Element thicknesses from 40–220 mm (EM)
- Element thicknesses from 80–220 mm (POLAR)



// Technical specifications

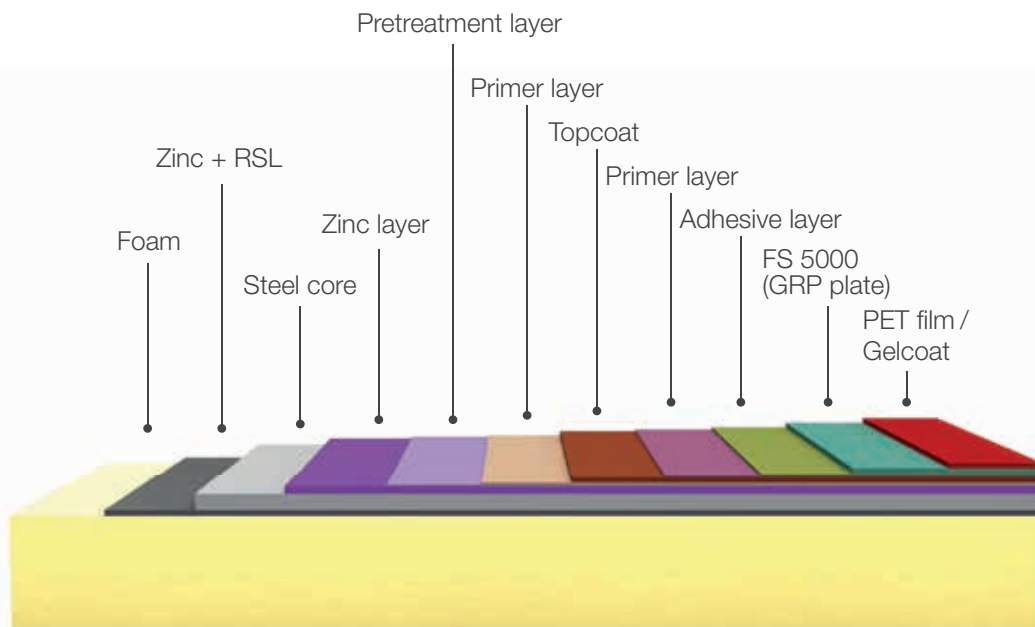
Delivery length: Standard 2 to 8 m (other lengths on request)
 Packaging: To factory standard

Characteristics: **Surface sealing:**
 PET film or gelcoat
GRP plate:
 Thickness: 2,0 mm structured or smooth
 Glass fiber mats, UP resin

Accessories: **Joint material:**
 ems® adhesive sealant 25 (ems® KL 25)
 Pneumatic cartridge gun especially for ems® KL 25

Outer and inner corners rounded, T module and mounting plates
 We are pleased to advise you on element configuration for your individual application.

Structure of the coating:



The individual specifications in this datasheet are guaranteed properties only if they are expressly confirmed as such in writing in each specific case. Subject to technical changes. 09/2018. www.ems-bau.com

Note: Deviation in colour and colour changes on the cut surface of the QuadCore™ and IPN3 insulation core are based on weather influence. While panels are stored outside UV-light might modify the colour of the core. This does not affect the quality of the panel and is no reason for complaint.