

Composite Cover Sheets

Building & Construction

Performance in FRP

At OPTIPLAN GmbH we are specialized in the development and manufacturing of high-quality fibre-reinforced composites, setting new standards in the building industry. Based in Germany, with over 65 years of experience, we are one of the world's leading FRP manufacturer.

Made in Germany-quality you can trust!

Our products are proudly manufactured in Germany, representing the highest standards of quality and precision. Through the utilization of state-of-the-art technologies and highest quality controls, we ensure that our products meet the most demanding requirements.

Fire Rated: Class B2 (German Standard DIN 4102-1)

Class B (ASTM E 84)

Low Emission: low odor emissions

Antibacterial: antibacterial surface gelcoat |

bacteria reduction > 99.9 %

Food Safety: suitable for direct contact with food

(HACCP compliant)





POLYDET®

POLYDET® composite cover sheets offer a wide range of customized options to meet your specific projects. From different colours and finishes to various thicknesses and sizes, our materials can be fully tailor-made to your needs.

Our premium fiber reinforced products are a robust and lightweight solution for different applications in the building industry. Making your projects easier to handle and install due to lightweight design, high durability and advanced surfaces, compared to traditional construction materials.

Wall, Facade & Ceiling Covers

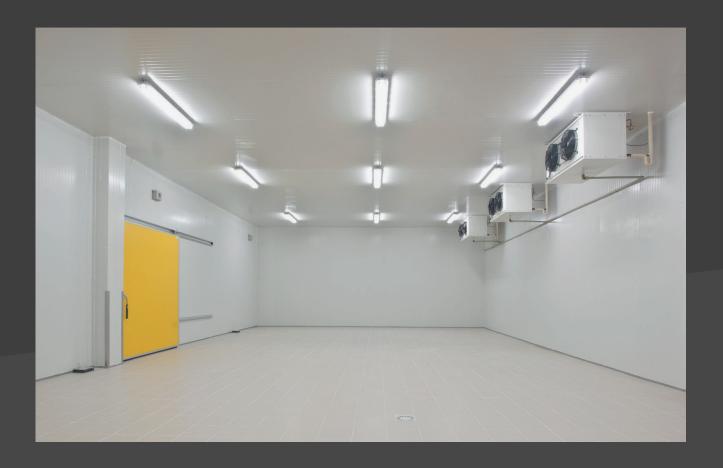
warehouses | sanitary facilities | clean, cold & wet rooms

Special Flooring

non-slip | abrasion resistant | nature design

Interior Composite Designs

wood | stone | concrete | leather | textile



smart composite kit

Choose your individual product for your building application in 4 simple steps.



1. Product



Design smooth or structured surface

Color

customized, satin or glossy

2. Matrix technology



Resin System

Polyester Epoxy Vinylester Phenol



Fibre-Reinforcement

Veil
Chopped Strand Mat
Woven Roving
Non-Crimp Fabric

3. Special features



UV-/Weather Resistance



Low Emission



Antibacterial Surface



Food Safety (HACCP)



Fire Resistance Standard

4. Dimensions



Coil

Thickness: 0.7 mm – 3.0 mm

Width: up to 3,300 mm Length: 80 m, 120 m, 240 m



Sheet

Thickness: 0.7 mm - 5.0 mm

Width: up to 3,300 mm Length: up to 12 m

POLYDET® HighGloss

premium gelcoat surface

POLYDET® Performance

smooth gelcoat surface for all interior & exterior applications



POLYDET® Embossed

3D structured surface



POLYDET® LiteFloor

selection of vinyl designs







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