

OPTIFLAW



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)



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



OPTIPLAN

PERFORMANCE IN FRP

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POLYDET[®]