

Transport & Logistics



# OPTIPLAN

PERFORMANCE IN FRP

# POLYDET®

**POLYDET®** fiber-reinforced materials meet the challenges of intermodal transportation, contributes to increasing efficiency and reduce CO<sub>2</sub> consumption across the entire transport chain. In this way, the expansion of global connectivity and international trade are promoted in an environmentally friendly and cost-reduced manner.

## Advantages

- lightness
- reduction of CO<sub>2</sub> emissions
- robust against impact & collision
- UV, corrosion and weather resistant
- protection from moisture
- minimal care and maintenance
- visually appealing surface (aluminium look)
- resistant & durable
- suitable for food

# Applications

## Air Freight

**POLYDET®** is the smart economic and ecological alternative to conventional materials that make the air transport of goods more efficient and sustainable. Thanks to its lightness and high stability, our material offers effective protection, especially for sensitive freights.

- **Unit Load Container**
- **Insulated Container**



## Sea Freight

**POLYDET®** is the ideal material for harsh sea transport, due to its extreme strength, corrosion resistance and waterproofing. It enables the safe storage of liquid or gaseous substances, chemicals, fuels and other liquids.

- **Standard Container**
- **Tank Container**
- **Refrigerated Container (reefer)**



## Inland Transport (Truck)

**POLYDET®** is characterized by its high resistance and durability. Payload and CO<sub>2</sub> emissions are optimized in the long term. With the best impact properties and low care and maintenance requirements, it is ideal for liquid and bulk transport containers.

- **Tank Trailer**
- **Silo Trailer**



# POLYDET®

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