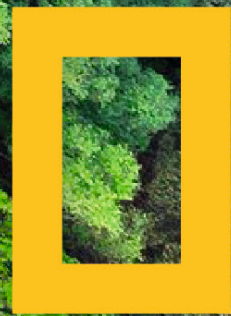


# OPTIFLAX

PERFORMANCE IN FRP



Reaching your goal with  
lightness & sustainability

# POLYDET® r-PET

The **POLYDET® r-PET** product line represents a new generation of environmentally friendly fiber-reinforced plastics.

The resin consists of up to 30 % PET recycle, which is obtained from post-consumer waste.

This way, recycled residual raw materials are used more consciously and sustainably and are fed back into the economic cycle.

## Environmentally Friendly

- recycling of post-consumer PET-waste
- environmentally friendly use of resources
- lower energy consumption in production than aluminium and steel
- resistant & durable

## Light

- high potential for lightweight construction
- increase in payload
- reduction of CO<sup>2</sup> emission
- easy handling

## Powerful | Aesthetic

- high mechanical strength
- UV, corrosion and weather resistant
- minimal care and maintenance
- visually appealing surface

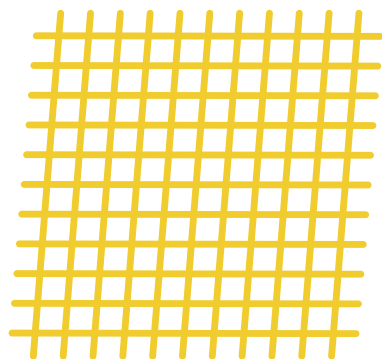
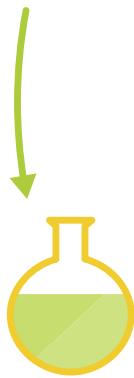


# For a better world

## Reaching your Goal with Lightness & Sustainability

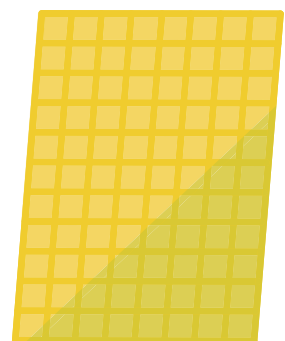
Sustainability is playing an increasingly important role today. In the view of global climate change and increasing environmental pollution, measures must be taken with the aim of reducing the ecological footprint and improving the resource efficiency of existing material systems.

post-consumer  
waste



up to 30 %  
PET recycle

FRP



With **POLYDET® r-PET, OPTIPLAN** takes up the idea of sustainability to lead the way with environmentally friendly lightweight solutions and provide answers to tomorrow's challenges.

# Industries

## Motorhome | Caravan

**POLYDET® r-PET** is a very robust and durable material that is highly resistant to environmental influences such as UV, weather, hail and humidity. In addition to easy care and maintenance, it is corrosion-resistant (rust-free) and allows individual coloring for

- interior wall | exterior wall
- inner floor | underfloor
- roof

## Commercial Vehicles | Last-Mile | e-Mobility

**POLYDET® r-PET** is characterized by its high strength and low weight. Payload and CO<sup>2</sup> emissions can be optimized as a result. With the best impact properties as well as low care and maintenance requirements, it is ideal for

- interior wall | exterior wall
- floor
- roof



## Construction | Architecture | Building Technology

**POLYDET® r-PET** is thanks to its resistance to heat, moisture and chemicals, a durable and efficient light-weight material. Simple processing and assembly offer a wide range of possible applications

- wet | drywall
- facade cladding
- decorative elements for wall | ceiling
- wet room
- modular house | tiny house | container
- cold storage cell | cold room
- enclosure for heating | ventilation | air conditioning

new  
recycle



# OPTIPLAN

PERFORMANCE IN FRP

# PROLYTE®

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