

# MANHOLE-BASE-LINER

Protective lining made of PP and FRP for concrete manholes





### **MANHOLE-BASE-LINER**

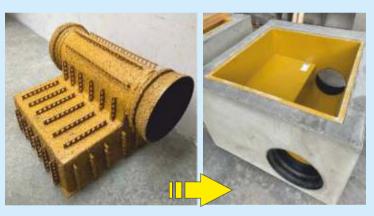
### **MANHOLE BASE-LINER** – a product with many possibilities

For special designs, we use glass-fibre-reinforced polymer (GF-UP) based on a hybrid resin composition, which has been tried and tested for decades.



















## PREDL MANHOLE BASE-LINERS AND CONCRETE an ideal combination.

With the PREDL manhole base-liner a monolithic manhole base is created in the casting process, which offers a consistent concrete quality in accordance with EN1917.

The cast-in PREDL manhole base-liner permanently protects the concrete in the channel and benching area from the harmful effects of waste water.

The **optimal hydraulic channel guidance** of the manhole base-liner ensures problem-free sewer operation.

The PREDL manhole base-liner can be manufactured in different variants. Including angles, lateral inlets, slope in the channel, asymmetrical channel guidance or height-offset in and outlets.





### **EASY PROCESSING**

Premium quality manholes due to concrete casting process.

PREDL manhole base-liners can be easily processed in any concrete plant.







#### INDUSTRIALLY PREFABRICATED STRUCTURE

AS LONG-TERM PROTECTION FOR CONCRETE MANHOLES



- Minimum wall thickness of 4 mm in the channel
- Manhole bells: Tight and flexible integration of commercially available pipe types Highest corrosion resistance
- More than 2 million manhole base-liners sold

The entire range of manhole base-liners is made of polypropylene and FRP (GF-UP). Both materials are characterized by maximum resistance to chemical and mechanical stresses (e.g. from water-jetting equipment) and are therefore perfectly adapted for use in the sewerage.

### **CONVINCING ADVANTAGES**



Inlets available in all angles



Channel: smooth and hydraulically optimal



Bounding bridges for a reliable concrete connection



Precast concrete quality according to EN1917



Connection bells: Connection of commercially available pipe types possible



Special sealing system for flexible pipe connection

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