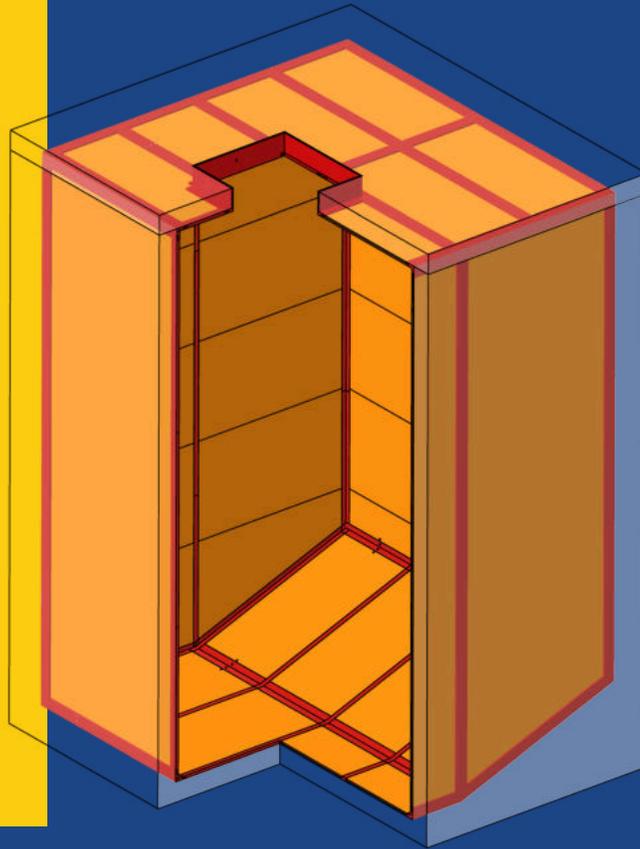
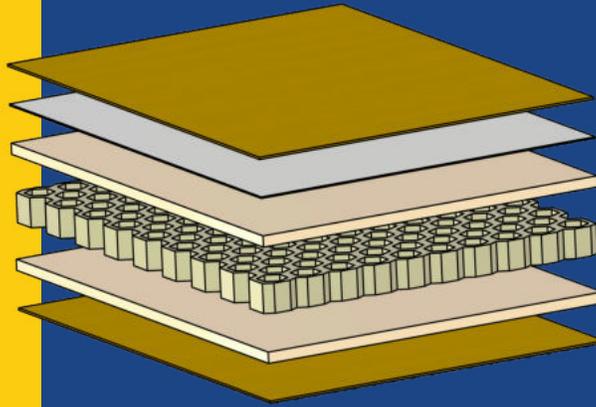




COMPOSITE FRP PANEL

REHABILITATION FOR WASTEWATER STRUCTURES

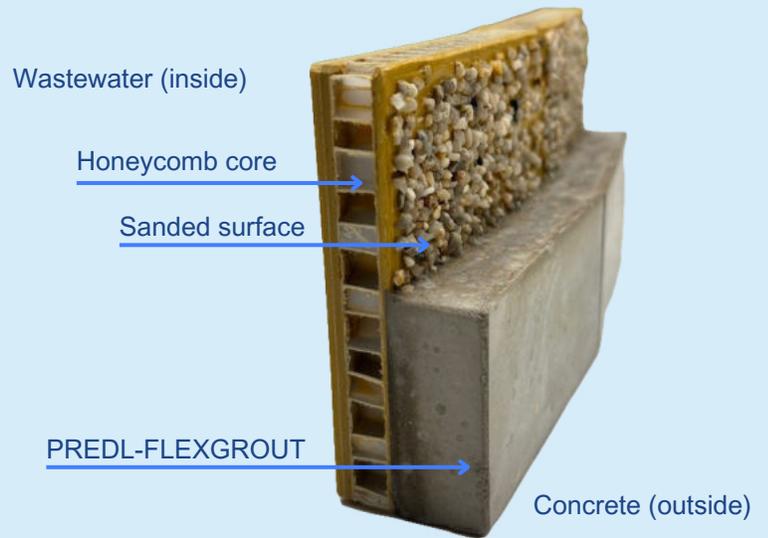


PREDL's corrosion-resistant composite FRP panel liners are ideal for the rehabilitation of large wastewater structures such as lift stations. The FRP panel liner consists of a PP honeycomb core, which is covered by different layers of FRP material. The FRP panel liners, designed and produced by PREDL, are all deformation resistant. The corrosion resistance of the material extends the service life of the structure by decades.

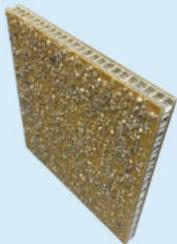
Advantages

- Corrosion resistance PH 2-12
- Maintenance free and reliable solution
- Customized design for each structure
- Proven performance for many years
- Design based on engineered data from 3D laser scanning
- Engineering and support provided by PREDL
- Rigid 15mm thick panel provides a structural solution
- Aggregate on the back of each panel creates monolithic bond to existing structure once backfilled with Flexgrout
- Inner surface PP or VE
- Temperature resistance +212°F

FRP-Panel with PREDL-FLEXGROUT



FRP Panel straight

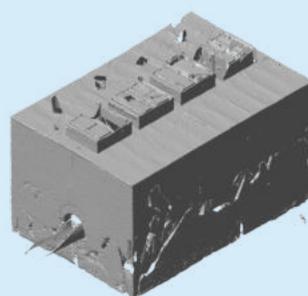


FRP Panel radius

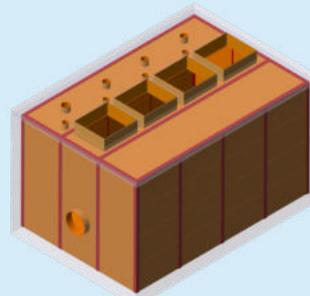


PREDL provides a complete engineered solution! Not just a product.

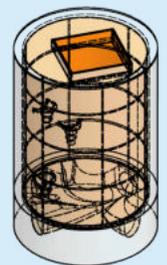
The rehabilitation process begins with 3D laser scanning and the creation of a rehabilitation proposal including design, created by PREDL. The scan data allows PREDL's engineers to create a rehabilitation model which will be discussed with the customer.



3D laser scan model



3D model provided by PREDL



EVERY
SHAPE
IS POSSIBLE

INSTALLATION OF PREDL FRP PANELS IN LIFT STATION



1 Old structure



2 Fastening the substructure



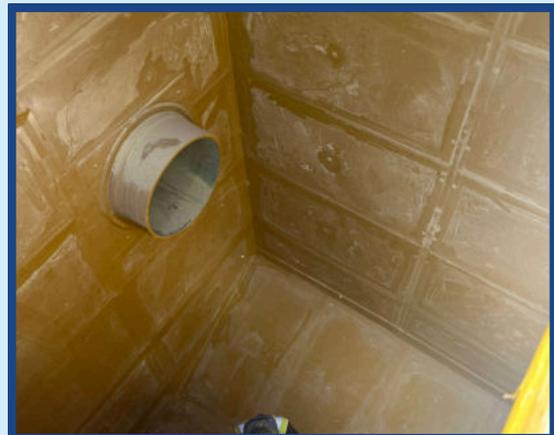
3 Inserting the prefabricated
PREDL FRP Panels



4 Aligning and installing the
PREDL FRP Panels



5 Backfilling the PREDL FRP Panels
with PREDL-FLEXGROUT
(Highly modified shrink free SCC grout)



6 Finished rehabilitation of
the lift station

FRP PANELS

A PRODUCT WITH MANY POSSIBILITIES

The data we obtain from the 3D laser scan, enables PREDL to design and implement the perfect solution for every project. Each structure is treated and planned individually by our specially trained design engineers to meet your structures specific needs!

