

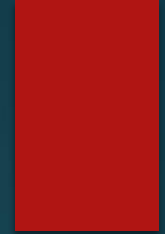


FRP Clarifiers, Liners, Internals and Covers for Corrosive Applications

CRIMAR INDUSTRIAL AND ITS SISTER COMPANY IN
CHINA – SHIJIAZHUANG BEMAN COMMERCIAL CO.
LTD (SBC) – HAVE BEEN SUPPLYING FRP
COMPONENTS FOR CLARIFIERS AND THICKENERS
USED IN THE MINING INDUSTRY FOR OVER 30 YEARS



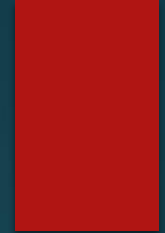
Crimar for over 25 years has been supplying industrial equipment to the mining, water treatment, petroleum, and other industries. The President of Crimar Industrial, Roger Beman, is fluent in English, Spanish and French and travels extensively to assist our offices in their sales efforts. We work closely with manufacturing facilities in China, Mexico and the USA where we make sure that they understand and meet our customers' requirements. Each of our sales offices is managed by industry specialists with over 20 years of experience in supplying equipment and providing industrial consulting services. When appropriate we employ internationally known third party inspection companies to certify that the materials, production procedures and final products meet the specifications of our customers.



Crimar has a subsidiary company (Shijiazhuang Beman Commercial Co. Ltd.) that provides the following:

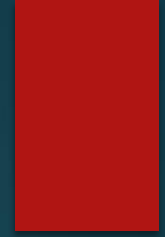
- 1) Local support for sourcing, project management and quality control
- 2) A legal entity in China that has full authority under Chinese law to sign and enforce contracts
- 3) Import and export licenses to handle all arrangements related to shipping and receiving local and international shipments

See www.sbcco-china.com



This presentation is divided into the following sections:

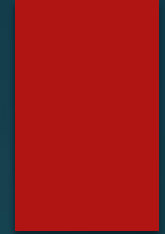
- * Shop fabrication and field installation of FRP clarifiers
- * Shop fabrication and field installation of FRP liners
- * Field application of fiberglass liners on steel vessels
- * Shop fabrication of FRP internals – feedwells, troughs, etc.
- * Shop fabrication of FRP covers



Shop fabrication and field installation of FRP clarifiers





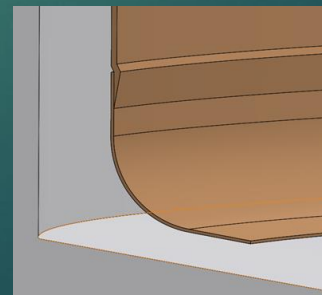
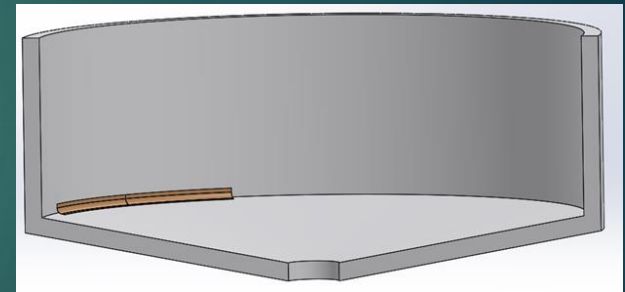
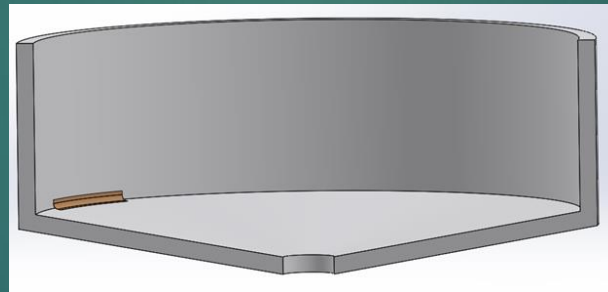


Shop fabrication and field installation of FRP liners

Concrete or Steel Tank

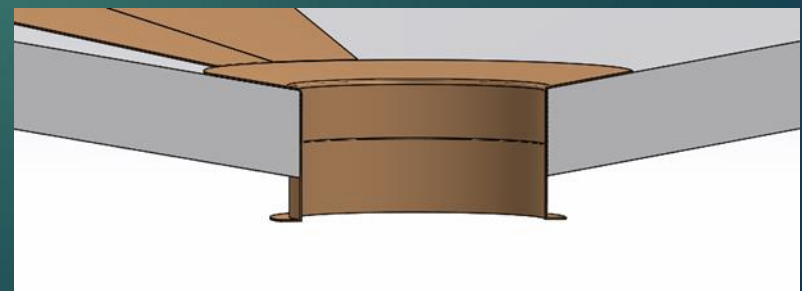
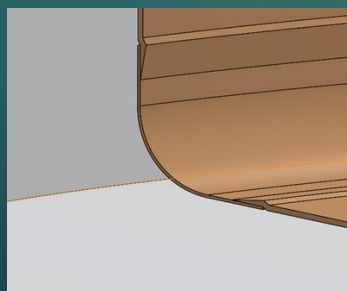
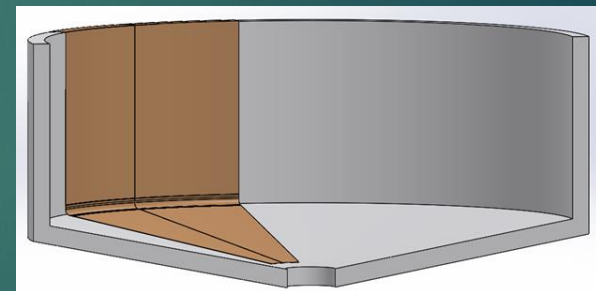
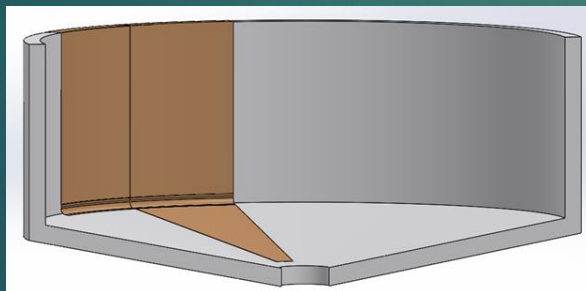
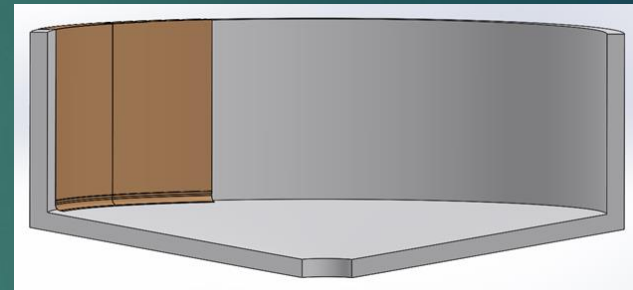
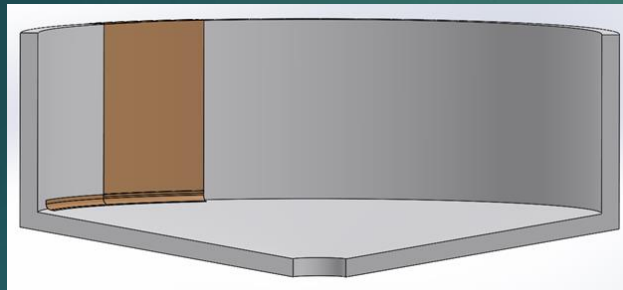


FRP Corner Sections



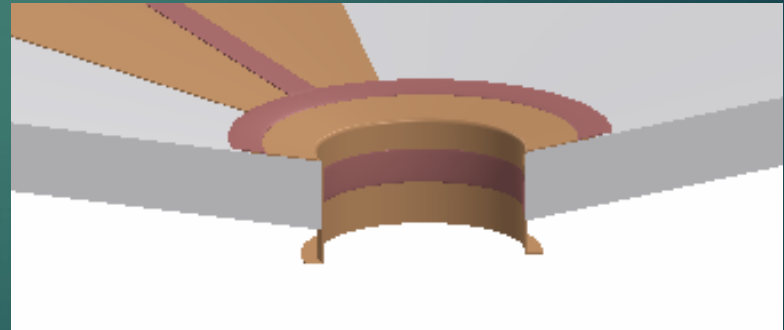
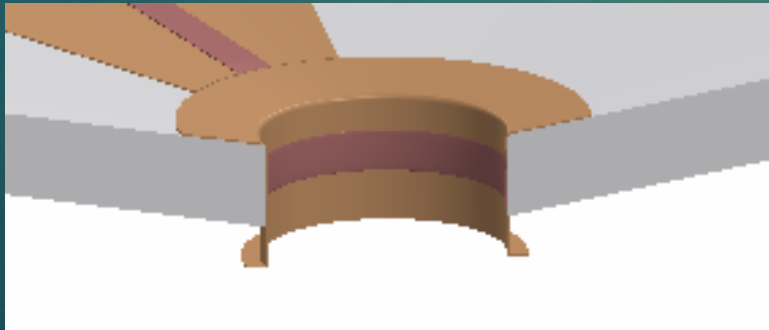
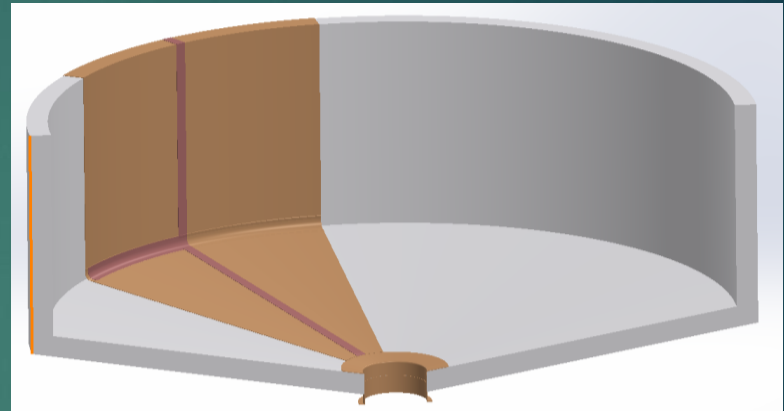
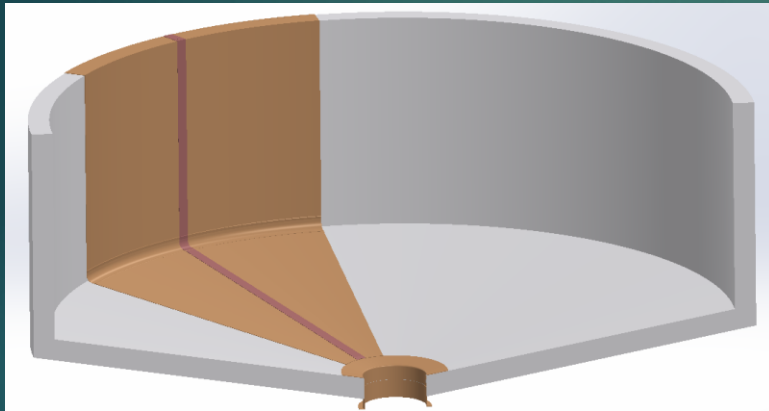


Wall and floor segments, 6 mm thick – Number of segments to be determined by the tank diameter and the maximum shipping envelope



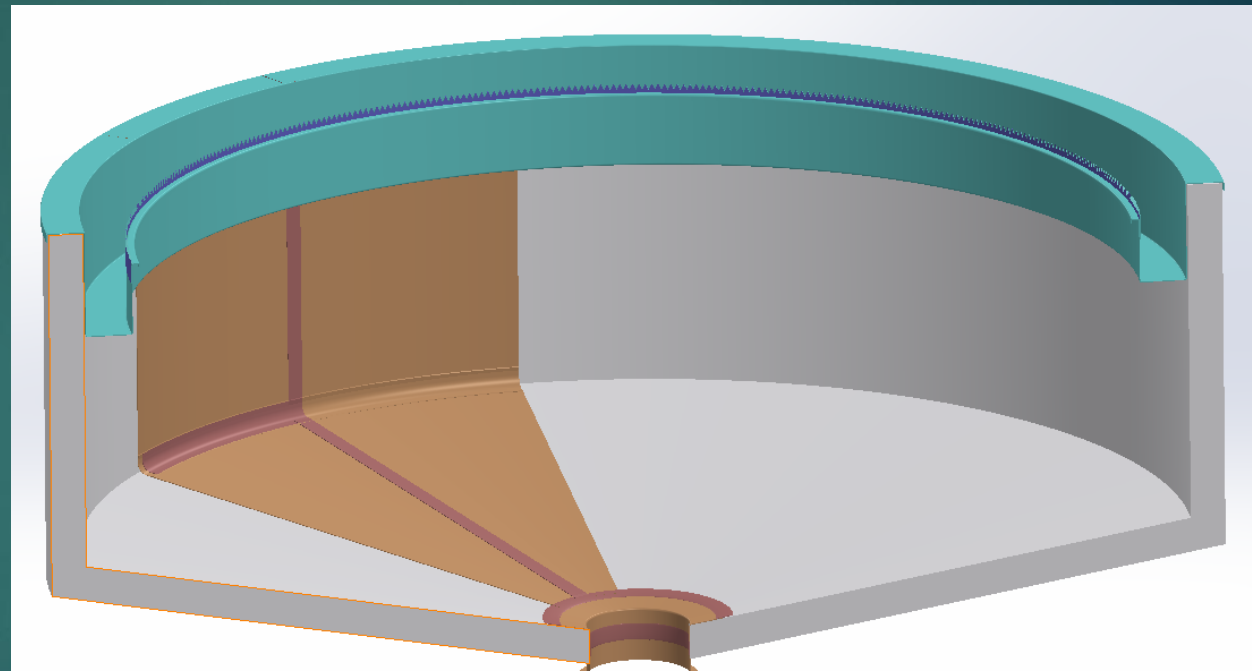
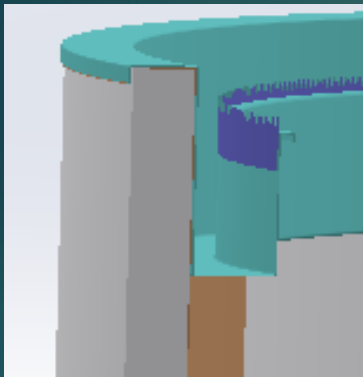


FRP Field Bonding of Joints





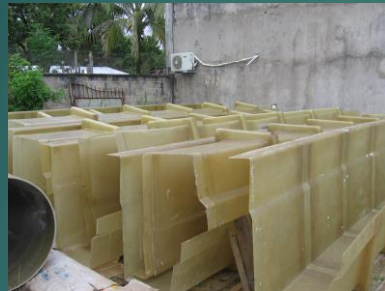
FRP Weir Trough



- Troughs will be supplied in segments.
- Trough depth will vary to provide continuous drainage to the discharge box.



Shop fabrication of troughs, weirs, dropout boxes, floor and wall panels which are shipped to site for field bonding





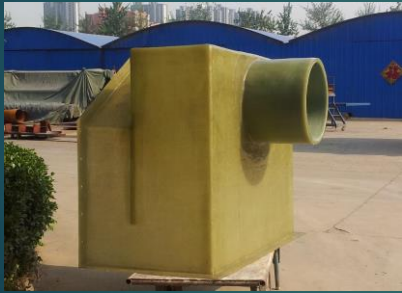
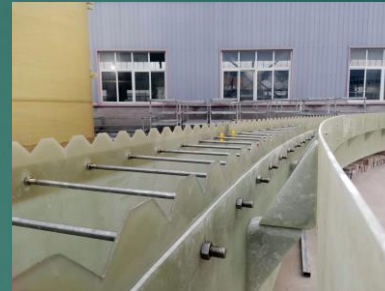
Field application of fiberglass liners on steel vessels

The process is to sandblast to "white metal" then apply a urethane modified vinyl ester resin such as Derakane 8084 as a primer, then apply 6 layers of fiberglass mat to a thickness of .25" followed by a Nexus or C surfacing veil, then apply a final resin/wax surface coat to generate a full cure.





Shop fabrication of FRP internals – feedwells, troughs, etc.





Shop fabrication of Clarifier FRP covers





We can assist in the design, fabrication and installation supervision to meet your requirements.

Materials and design are based on operating conditions such as wind loading, snow loading, operating temperature, chemical environment, abrasion resistance and vessel dimensions

For further information contact:

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We have local support offices in:
Canada, Chile, China, Colombia, Peru, South Africa and USA