

The laminate Corrosion Barrier is the Inner Surface and Interior Layer combined. The glass content of the Corrosion barrier shall be $27\% \pm 5\%$ by weight. The most important feature to any fiberglass tank in the corrosion industry is the corrosion barrier of the tank. Each tank Belding Tank Technologies, Inc. manufactures is built using a male mold to help ensure a smooth, resin rich internal finish to aid in corrosion resistance.

RESIN SYSTEMS

ECONOMY RESIN SYSTEM:

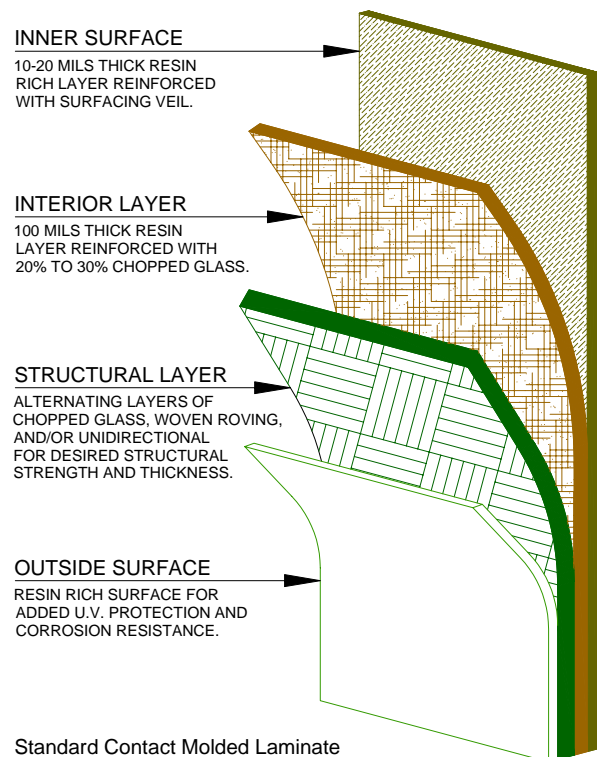
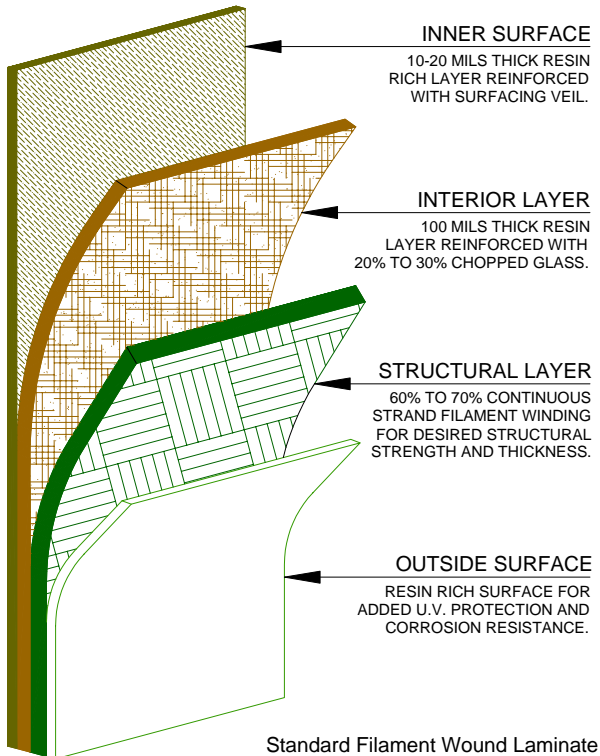
Isophthalic polyester resin throughout the laminate.

STANDARD RESIN SYSTEM:

Our "STANDARD" resin system consists of Premium grade Vinyl ester resin in both the *Inner Surface* and *Interior Layer*. Isophthalic polyester resin is used in the Structural Layer and Outside Surface.

PREMIUM RESIN SYSTEM:

Premium grade Vinyl ester resin throughout the laminate.



"Quality
is our Standard,
Customer Service
is our Specialty."

SAFETY FIRST

BELDING TANK® *HANDLING AND INSTALLATION and OPERATION AND MAINTENANCE* manual must be read carefully before attempting to handle, install or use the tank.

Safe and proper tank handling and installation is a must for maximum term and trouble free service. DO NOT deviate from instructions without approval from BELDING TANK®

LIFTING AND POSITIONING

BELDING TANK® tanks are designed to withstand normal handling. Note the following handling precautions.

1. NEVER roll or slide a tank. Lift the tank using a crane or other approved method.
2. Operators of hoist equipment should follow proper rigging procedures at all times. NEVER allow the tank to swing out of control.
3. DO NOT drop or allow hard impact from tools, spreader bars, etc.
4. Avoid the use of equipment inside the tank that could scratch or damage the tank corrosion barrier.
5. NEVER use cables or chains around tank.
6. NEVER lift the tank by using fittings. Use designated lifting lugs, which come standard on all B.T.T. tanks.
7. If tanks are being stored prior to installation, be sure to lay on padded surface and tie down securely.



TANK BOTTOM SUPPORT

BELDING TANK® FRP Flat and Sloped Bottom tanks require continuous rigid support. This support must be smooth, flat and free of foreign objects prior to setting any tank. Belding Tank recommends, as a minimum, two layers of thirty pound roofing felt, to take up possible deviations in the support. The support must be designed of proper strength to withstand the combined weight of the tank and contents. Design of the support structure is the responsibility of the purchaser.

PIPE CONNECTIONS

Flexible pipe connections should be used whenever possible. If rigid piping must be used, be certain it is self-supporting and non-vibrating.