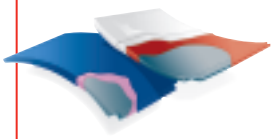
Engineering America

Nothing but the glass FACTS

Glass-fused-to-steel (porcelain enamel) versus paints (epoxy)



Interior Face
- Base Steel
- Interior A Coat
- Base Glass Coat
- White TiO_2 Coat

Exterior Face
- Base Steel
- Exterior A Coat
- Cobalt Blue Top Coat

An inert, inorganic coating that NEVER needs painting.	VS	Organic coatings and field applied paints will begin to slowly deteriorate upon installation.
 **A single, strong, integrated glass and steel material fused together at 1,500° F.**	VS	Generic powder coating is sprayed and mechanically bonded (by melting) onto steel at 400° F.
Proprietary Vitrium™ technology exceeds all other internal coatings at a 10-18 mil range. The exterior layer of glass ranges from 7-15 mils in thickness.	VS	Most epoxy coatings and paint are mechanically bonded to the steel in thicknesses of 7-11 mil on the interior of the tank. The exterior thicknesses are even less, in the 6-10 mil range.
 **Our proprietary Edgecoat™ protection process involves thermally applying a stainless steel alloy to mechanically rounded sheet edges.**	VS	The powder coating process deposits paint powder on sheet edges and bolt holes. Unless that sheet is mechanically rounded prior to coating, it will not adhere properly.
 **Glass is impermeable to liquids and vapors, it eliminates corrosion undercutting and offers excellent impact and abrasion resistance.**	VS	Organic coating and paint can suffer corrosion and undercutting due to lower coating bonding strength with the steel substrate.

Specify quality, experience and low maintenance. Specify Aquastore® glass-fused-to-steel tanks.

For more information, call Engineering America: MN **651-777-4041**, KS **913-782-7774**, CO **970-962-9400**, AZ **480-895-1106** or visit us online: **www.engamerica.com**.

In 1980 we made an innovative promise that our tanks would never need to be painted. No Aquastore® tank has been painted since – we are the authentic glass-fused-to-steel!

THINK TANK