

HC1678-18 Appendix 2 – Manufacturer's Spec for New 500t tanks

Details on the Permastore Website are provided at the link below:

[Industrial Glass-Fused-to-Steel Tanks & Silos - PERMASTORE®](#)

Summary of Key Aspects

- The tanks are manufactured from steel plates, bolted together. The finish is not a coating but the fusion of two materials to become one.
- They provide the strength and engineering flexibility of steel and the corrosion resistance of glass both inside and out.
- Glass fused to steel is a material with over 40 years of application experience, many excellent examples of which can still be seen in use today.
- PERMASTORE® structures are engineered with a predicted minimum 30 year design life in accordance with the requirements of ISO 15686-1:2011, ISO 15686-2:2012 and ISO 15686-3:2002 which provide the framework for determining and planning a service life of up to 50 years.
- For the UK industrial market, the specific requirements of WIS 4-25-01 are incorporated.