

About Fusion

Fusion Tanks & Silos is the USA trading name of Permastore Limited. Permastore, a UK registered company, is the European Market Leader for Bolted Sectional Glass-Fused-to-Steel Storage Tanks and Silos used in the Municipal, Industrial and Agricultural markets world-wide for the safe containment of liquid and dry bulk materials.

The Company was established in 1959 in Yorkshire, England, as BOYTHORPE LTD and quickly became a leading manufacturer of mainly agricultural structures for the UK and export markets. During the late 1960's and 70's it operated within the context of major public companies before returning to private ownership in 1984 with a management buyout. It has now enjoyed the same principal ownership for nearly 25 years providing the necessary stability and investment to develop its unrivalled technical expertise in bolted, modular, Glass-Fused-to-Steel containment solutions.

The renowned PERMASTORE[®] identity and brand was introduced in 1987 when the production facility at Eye, Suffolk, England, was acquired. The Company gradually consolidated its facilities onto this 14 acre (5.7 hectare) site ideally situated for supplying world markets by its close proximity to international container ports. It now employs 215 people and has had continuous ISO 9001:2000 accreditation for its Quality Control procedures since 1996.

The Company has built up a significant know-how in engineering, manufacturing and constructing its tank and silo kits that have been exported to over 110 countries around the world. Supplied in 'flat-pack' form, the modular design allows for a structure to be engineered, factory produced and quality controlled to meet a customer's specific requirements. A complete kit of parts is supplied allowing economical transport to even the most remote locations. It is then easily and quickly erected using local Fusion Distributors to support the product in the field including the responsibility of contract managing the whole supply chain and ensuring the factory supplied kit of parts is expertly installed to the client's requirement.

The holiday free high quality glass finishes offered by Permastore have proven to be very durable with a predicted minimum 30 year design life in accordance with ISO 15686 Parts 1, 2 & 3. They have provided secure storage at low capital cost and with minimal maintenance for a wide variety of applications and in a range of climatic extremes from arid desert to arctic regions. A range of different glass finishes have been developed to suit different storage applications and to provide the optimum containment solution for security and economy. With modern high tensile steels and a special joint design, Permastore has engineered the world's largest bolted sectional tanks and offers a wide range of sizes available from 1,850 US Gallons to more than 14,000,000 US Gallons. Roof and flooring systems are also available to provide complete integrity of structure design.

PERMASTORE[®] Tanks and Silos combine the strength and engineering flexibility of steel with the corrosion resistance of glass. Whatever the storage requirement, liquid or dry product, simple open-topped tanks for relatively innocuous materials or perhaps for larger, complex pressurised containers suitable for more aggressive materials such as to be found in renewable energy applications such as anaerobic digestion systems and biofuel tanks, Permastore can supply the appropriate specialised containment solution.