



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 worldwide 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 the past 19 years providing the necessary stability and investment to develop its unrivalled technical expertise in bolted, modular, Glass-Fused-to-Steel containment vessels.

The renowned PERMASTORE[®] identity and brand was introduced in 1987 when the production facilities at Eye, Suffolk, England, were acquired from A O Smith Corporation of the USA. 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 180 people and has ISO 9001:2000 accreditation for its Quality Control procedures.

The Company has 44 years experience of engineering, manufacturing and constructing its tank and silo kits that have been exported to over 80 countries around the world. Supplied in 'flat-pack' form, the modular design allows for a structure to be engineered to meet a customer's specific requirements and to be supplied as a complete kit of parts that is readily and economically transportable to even the most remote locations. It is then easily and quickly erected using local labor.

The high quality glass finishes have proved to be very durable and FUSION[®] tanks and silos have a predicted minimum 30 year design life in accordance with BS7543:1992. 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 has 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, FUSION has engineered the world's largest bolted sectional tanks and offers a wide range of sizes available from 3,500 gallons to more than 6.3 million gallons. Roof and flooring systems are also available to provide complete integrity of structural design.

FUSION[®] 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, pressurized containers suitable for more aggressive materials such as to be found in anaerobic digestion systems, FUSION TANKS & SILOS can supply the appropriate specialized containment solution.