



Quick-Lock® adhesive-bonded Joint



Queen Elizabeth Class Aircraft Carrier fitted with Bondstrand® GRE pipe

The Queen Elizabeth is one of two ships that are being built. The carriers will be the biggest and most powerful surface warships ever constructed for the Royal Navy and represent a step change in capability, enabling the delivery of increased strategic effect and influence around the world. They will be a key component of the improved expeditionary capabilities needed to confront the diverse range of threats in today's security environment.



The ships will be delivered by the Aircraft Carrier Alliance (ACA) – an innovative alliance comprising industry participants and MOD – in which MOD acts as both client and participant.

For the Manufacture Phase, the Industrial Participants will be: the BAES/VT planned Joint Venture, Thales, Babcock and BAES (Surface Ships & Insyte).

Pipex px®, NOV Fiber Glass System's marine representative for the United Kingdom, will be working on the carrier for up to five years with an estimated completion date of 2015. Pipex px® is on contract to fabricate and supply over 2000 GRE pipe spools for various lines and four Bulkhead Penetration trims.



Pipex px® Site Service Engineers offer unprecedented technical expertise and support gained from working on similar projects such as the Royal Navy Type 45 Anti-Air Warfare destroyers and Royal Navy first of class Astute submarine.

Project

Queen Elizabeth Class Aircraft Carrier

Client

BAE Systems for the Ministry of Defence
United Kingdom

Pipe system

Bondstrand 2000M pipe and fittings used for:
Chilled water distribution, system supply and return, waste heat hot water, ballast system, sea water cooling and bulkhead penetration trims.

Installation date

Estimated completion date 2015