



## Case study: Hamworthy pump casing

### Customer

Holderness Ship Repairers.

### Application date

June 2003.

### Scope of work

Refurbishment and coating of Hamworthy pump casing.

### Products

Corroglass 600 Series and Armagel.

### Substrate

Cast bronze.

### Application method

- Grit blasted internally to ISO 8501-1 cleanliness standard SA 2½.
- Grit blasted externally to ISO 8501-1 cleanliness standard SA 2.
- Applied internally Corroglass 600 Series to achieve a minimum dft of 1.5mm. Spark Tested and Thickness Checked at 19kv.
- Applied externally two coats of Plasmatec ZF followed by a top coat of Sigmafast Enamel (white).

### Coating credentials

Corroglass 600 Series. A series of three coatings formulated with glass flake and top grade vinyl ester resin with a low monomer content, Corroglass 600 Series coatings offer outstanding resistance to solvent attack and chemical attack, as well as being suitable for more general use such as demineralised water, distilled water and sea water applications.

Armagel is a durable coating offering excellent abrasion and chemical resistance. May be used on its own or as a top coat for the Corroglass and Polyglass range of materials.

### Photographs

Left: [Hamworthy pump casing on arrival in our works](#)

Middle: [Hamworthy pump casing during coating](#)

Right: [Hamworthy pump casing on completion](#)