



### CASE STUDY – In-situ Insulation for Fishing Boats

**BUFCA SUPPLIER:** Isothane Ltd

#### THE SITUATION

The Carvida fishing vessel required insulation of the ice room, where fish are boxed and stored after catching until they are brought to shore. Excessive condensation and high energy costs for the refrigeration were also important issues.

#### SOLUTION

The walls and ceiling of the 12m x 7m room were lined with timber and the floor concreted.

Isothane LD40 was used to fill the void behind the panels, and between the panels and hull. To help plan the installation, a metal rod was used to gauge the varying depth of the void.

The high insulation value of the spray foam meant that the efficiency of refrigeration was dramatically improved. This in turn reduced the costs of energy consumption and ensured that all the fish were fit for sale on shore. The condensation problems were also eliminated. The ease and speed of installation of the insulant meant that down time from fishing was minimised.

