

# Case Study

## Structural Repairs - Kara Foods

**Location:** Eccles, Manchester

**Project:** Structural Repairs

**Project Length:** 10 Weeks

**Information:**

Kara Foods, a major supplier to the food retail industry needed some major repair work to one of their freezer units after one of the structural frames supporting a 6 tonne chiller unit fail due to frost damage to the existing floor slab..

Building Projects (UK) Ltd had to work closely with a structural engineer from the start to ensure the design could cope with temperatures of -30°C and below and weekly thaw and wash down.

Works included:

- Replacing a specially designed concrete sub base.
- Insulating the floor with panels and heater mats
- Installing rubber mats under the stainless steel frame and placing heating wires to reduce the risk of temperature transfer into the concrete sub base.
- Installation of a bespoke fibreglass resin surface membrane
- Crash decks to withstand the impact of falling ice.

The project had to be carried out in uncomfortable conditions and within a live environment. The project was completed to schedule and to the high standards that the client expected

