

Scope of works

The facilities management team for the centre identified three air handling units that provided cooling to the shopping malls were found to have leaking cooling coils caused by frost damage over the winter period and needed replacing ready for the summer period.

Overview

Beatties were employed to carry out the supply and installation of three new air handling cooling coils. Two of the coils were manufactured and delivered to site as complete block coils, ready for installation. One was too large to be manoeuvred on to the roof area and had to be delivered in kit form and be assembled on site, ready for installation.



Replacement AHU Cooling Coils

**Mechanical
Contractor**

**LOCATION:
Westquay Shopping
Centre, Southampton**

**CLIENT:
Hammerson**

Other works carried out involved:

- Disconnect and drain existing chilled water coils
- Modify pipework to enable coils to be removed and replaced
- Remove existing chilled water coils
- Strip down redundant coils to enable them to be removed from site
- Fit new chilled water coils within AHU 4 & AHU 7 and refit coil access panel
- Assemble kit form coil for AHU 17 and fit within AHU
- Pipework modifications and reconnection of new coils
- Replace lagging
- Pressure testing of coils

