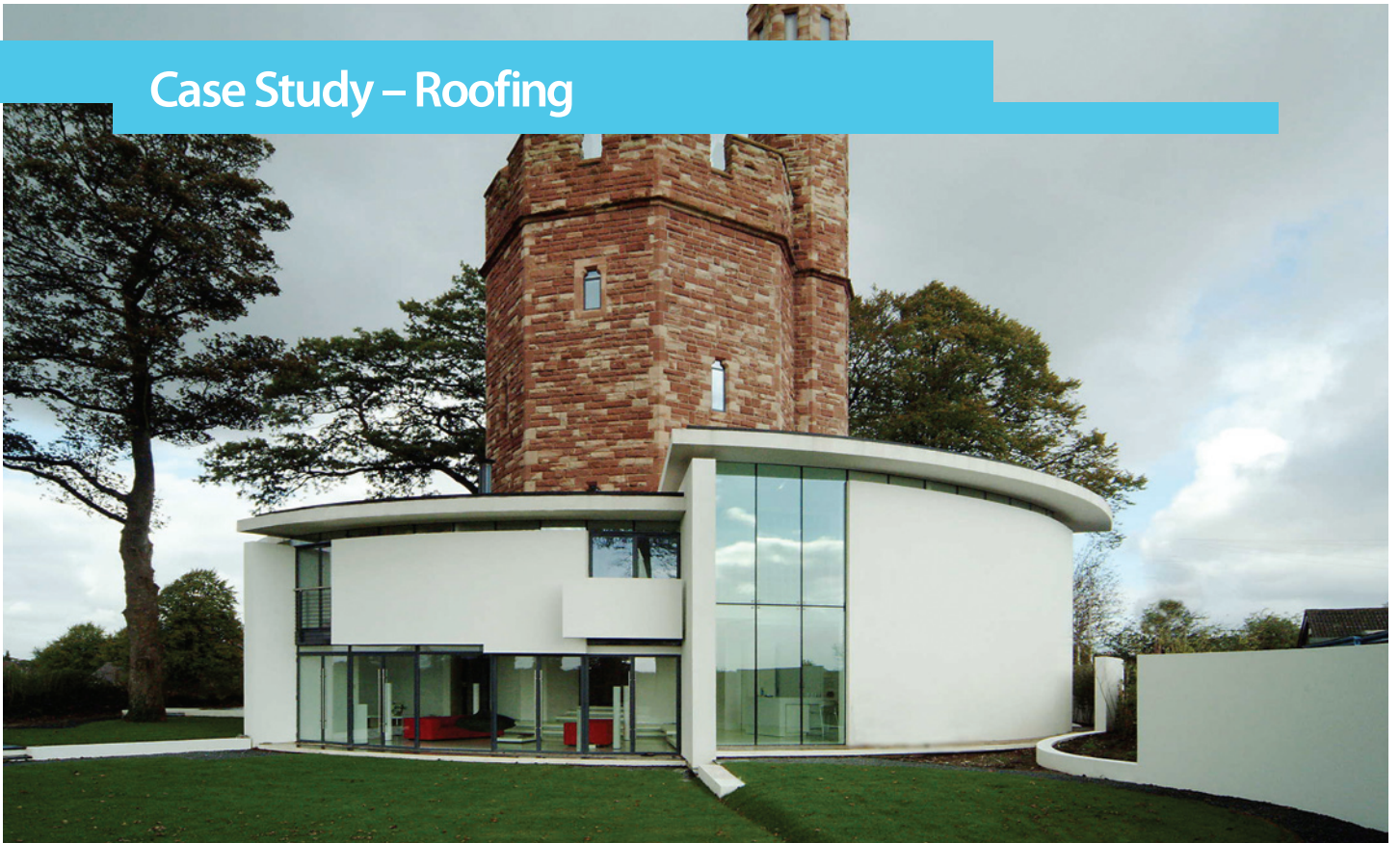


Case Study – Roofing



Lymm Water Tower

Project:
Lymm Water Tower

Size:
All flat roof areas

Product:
Decothane

Client:
The Harris Family

Contractor:
W. Hughes

Background

In 1997 the Harris Family purchased Lymm Water Tower, a grade 2 listed building in Lymm, Cheshire. As the name suggests, the 130-year old tower had been used to store a water tank and was currently used to house telephone masts. The family's aim was to convert the derelict building into a 'minimalist family home of the future.'

The Challenge

The architects decided to use the existing tower to house the bedrooms and designed a 'wrap-around' extension to create everyday living space. The flat roof of the extension and the flat roof at the top of the tower, which was to become a roof terrace, both required the application of a waterproof coating.

The Solution

Liquid Plastics donated a Decothane system to the project. Decothane is a high performance polyurethane coating, which is cold applied in liquid form and cures to provide completely seamless protection. This was applied to the roof of the extension and to the roof of the tower, which was later decked and fitted with a Japanese hot-tub to create the roof terrace.

The Benefits

Decothane can cure under ponded water and rapidly becomes resistant to rain damage, a crucial characteristic when being applied in an often damp and temperamental climate such as that found in Cheshire. Decothane is also highly flexible and vapour permeable thus allowing any moisture trapped below the surface to escape.