

» Armacell's ArmaSound RD increases quality of life in the Lymm Water Tower



Armacell has played a significant role in a major construction: The restoration and conversion of the 130 year old Victorian stone water tower in the village of Lymm in Cheshire into a family living accommodation. The tower is a grade II listed landmark that is of special architectural and historical interest. It was purchased by the Harris family seven years ago. The idea was to restore the derelict building and to create a design-led, minimalist, family home of the future. The project commenced in June 2002 and is now in its final stages.

Among other world-leading companies, Armacell has contributed its products and services to the project. Class 0 Armaflex and Armaflex selfseal have been used on internal and external pipework for condensation and noise control throughout the building. Coupled with being a family home this extraordinary building has

a further interesting element to it. The Lymm Water Tower has been home to an array of telecom antennae owned by mobile phone companies. The Harris family signed contracts with the telecommunication companies for their future use of the tower. The equipment has been installed in the refurbished tower in an esthetically appealing way.

A totally new installation scheme has been produced to support the design philosophy of the new Lymm Water Tower. However, the noise level of the equipment installed greatly disturbs the atmosphere and quality of life for the occupants within the tower.

This is where Armacell's newly developed ArmaSound RD enters the story. ArmaSound RD, a superior acoustic foam, is an environmentally friendly product which combines high sound absorption



properties with flexibility, versatility and strength. With ArmaSound RD Armacell advances its activities into the specialist acoustic material sector: ArmaSound RD is a flexible opencell structured elastomeric insulation that is excellent in sound absorption.

The three telecommunication rooms on top of the tower have been completely enclosed with ArmaSound RD. As a result, the high frequency noise generated by the telecommunication units is absorbed and kept inside the rooms. Russell Harris confirms the performance of ArmaSound RD: "The sound proofing has gone in... boy what a difference!"

By launching ArmaSound RD, Armacell again demonstrates its excellence in flexible technical insulation - and confirms its professional skills that put the highest priority on improving the quality of life.

ArmaSound RD is produced in our Oldham plant. It is available in black sheet format, which can be supplied with a self-adhesive backing and a variety of surface protection coatings. Sheets are sized 1m x 1m, its insulation thickness ranges from 9mm to 25mm. Custom-made sizes and insulation thickness are available upon request.

The installation of ArmaSound RD in the Lymm Water Tower is an excellent example of a typical application for the product. The complete story of the Lymm Water Tower is documented in a 15-part TV series on BBC UKStyle. The first episode of "Seven Year Makeover" is to be shown on the 30th of December 2003.