

CASE STUDY

HMS SULTAN, FAREHAM

Refurbishment of accommodation blocks



Nine accommodation blocks, with a combined roof area of 5000m², to be re-roofed in 16weeks - a challenging programme for any contractor, but C Proudlock Ltd., one of SpectraROOF's most experienced South of England contractors, confidently accepted the contract.

SpectraROOF's SpectraPlan Single Ply Membrane was selected for the project because of its reputation for being an environmentally friendly product, in that it is made using no halogens, plasticisers or heavy metals and could be recycled if ever the unlikely need arose. Another factor in the decision was SpectraPlan's characteristic of self tensioning itself after installation. This is a unique property of TPE membranes in that they have a 'memory' which restores them to their 'flat' state without the need to apply additional tension at the roof perimeters.

The accommodation blocks were to be occupied throughout the project - a fully adhered system was therefore selected to avoid any noise through drilling and fixing. The speed of the installation was accelerated through the greater welding speeds which are available with SpectraPlan membranes - again this is a unique property of SpectraPlan TPE giving it a installation time advantage when tight deadlines are an issue, as in this project.

The system left the existing asphalt surface in place to act as a VCL and overlaid directly using SpectraPlan 120 Dark Grey membrane bonded with Spectrabond PU adhesive. Edge detail was provided in Spectraclad coated metal. The system had to be cost effective and offer a 10 year insurance backed guarantee. The client was also pleased to know that the workmanship element of the project was covered within the IKO PLC warranty at no extra cost.

Project Sector: Ministry of Defence

System: SpectraPlan Adhered

Products Used: SG120

Spectrabond PU adhesive

Spectraclad coated metal

Contractor: C Proudlock Ltd

Started: July 2006

Completed: October 2006

Size: 5000m

