



*Rely on it.*

# All wrapped up...

RENOLIT ALKORPLAN



# Private house, Jersey

## CHALLENGE

*Glulam beams – or glued laminated timber – are an ideal light weight alternative for steel or reinforced concrete that allow for much longer spans, heavier loads and complex shapes. Over the years timber rot may occur to such a degree that renovation becomes imminent and irreversible. That's exactly what has happened to the property of a Jersey customer of RENOLIT's approved contractor Advanced Roofing. A solution was sought to "save" the existing Glulam beam structure without too many structural changes.*



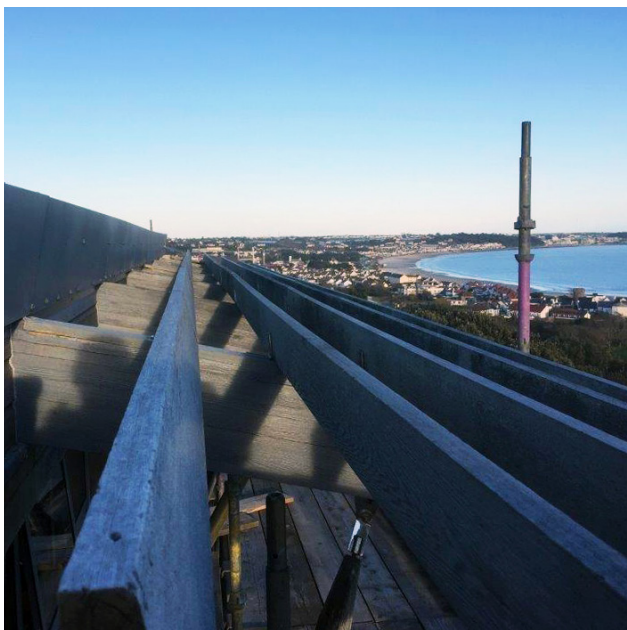
## SOLUTION

The RENOLIT ALKORPLAN roofing contractor solved the problem as follows:

For the first stage they removed the failed, rotten areas and treated the remaining areas for insect infestation. Then they covered the glulam beams at each change of direction with RENOLIT ALKORPLAN metal sheet. Over the metal the beams were completely wrapped in reinforced RENOLIT ALKORPLAN membrane. Nicely packed... and completely waterproof. It worked really well and actually quite an ingenious idea! The glulam beams can start a second life resistant to all weather conditions.

Once the glulam beams were encased there was still the issue of the solar shading to be re-fitted. Preferably without having to penetrate the newly applied membrane! The brilliant idea of using RENOLIT ALKORSOLAR profiles welded to the top edges of the glulam beams as a safe and solid support for the solar shading evolved.

This project is again an excellent proof of the versatility of our RENOLIT ALKORSOLAR mounting system.





## PRIVATE HOUSE

- Jersey

## PRODUCTS

- RENOLIT ALKORPLAN F membrane
- RENOLIT ALKORPLAN<sub>81170</sub> metal sheet
- RENOLIT ALKORSOLAR profiles

