

# CASE STUDY

## PROWALL REMEDIAL WORK AT QUARRY COTTAGE

Family company DJP Finishes chose the ProWall rainscreen cladding system as a remedial solution for a badly cracked timber frame house. The existing render varied in thickness between 30mm and 60mm, and was embedded with expanded metal lathing (EML).



The repetitive expansion and contraction of the EML meshing in different temperatures had cracked the render around it. Water could then penetrate the cracks, saturating the render causing it to crumble when frozen.



After removing the old render and battening, ProWall rainscreen was installed.

This included new battening, an advanced render carrier board, and ventilation beads to the top of the system under the soffits and at the base.

ProRend Lite basecoat was applied to the render board providing a uniform base with outstanding hydraulic and water-repelling properties. Next, glass fibre ProMesh was embedded to add its incredible strength to the render. ProRend Colourtex primer and top coat finished the watertight, yet breathable, façade.

With a ventilated cavity, the building could now breathe and dry, and a premium render coating protected it from driving rain. The whole system is

covered by a BBA certificate for 30 years durability. The new rainscreen cladding reduced the weight per metre square on the timber frame by



40-60kg, reducing the building's weight by 7.5 tonnes! The homeowners were extremely pleased with the low maintenance finish, and their choice of custom colour tinted by SAS Europe. [www.sas-europe.com](http://www.sas-europe.com)