AB ORIGINAL Epoxy Putty Case Study

Home Renovation Rotted Oak Beam Repair

Large voids where a wooden beam had rotted are filled in to create a flat surface, enabling the outside of a home to be rendered during renovation

AB Original was pushed into all gaps in the wooden beam left by rotting, permanently filling the damage

Hardwood inserts were bonded to the AB Original in areas where voids were particularly deep, helping to reduce the amount of putty needed for the application

The repair created a flat, smooth surface which could be rendered onto directly

Defect

A property owner in Wales wanted to improve the exterior look of their home during renovations.

The intention was to render cement over the facade, covering up the existing untidy mix of breeze blocks, painted brick and a large oak beam.

Unfortunately, the beam was badly rotted in places with large voids left. These needed to be filled and a flat surface created so rendering could take place.

Solution

The property owner ordered 30kg of **Sylmasta AB Original Epoxy Putty** in stick format. AB Original was chosen for its super strength and the fact no tools or equipment were needed for the repair.

Each 200g stick was kneaded by hand. Whilst soft, the putty was pushed into the voids to fill all the gaps. It easily adhered to the damaged wood.

For larger voids, hardwood inserts were added to reduce the amount of AB Original needed. The putty permanently bonded the inserts in place.

The two-hour work time of AB Original meant more putty could be mixed at once and carefully applied without needing to rush through fear of quick curing.

Result

Where AB Original remained exposed, a little water was used to create an ultra-smooth finish for the putty.

The application of AB Original was completed over several days. The cured material itself could be rendered onto directly, helping to make adding the cement coating a straightforward task.

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