

Bramhall High School



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Over the past two decades, the AshJack™ flat-to-pitch over-roofing conversion system has built up an enviable track record of achievement on schools all over the United Kingdom.

The system has provided a new and enhanced lease of life on failing school flat roofs, which might otherwise have necessitated complete replacement of the existing structure.

By constructing a lightweight steel AshJack™ sub frame over the existing roof (which is then over-clad), an effective pitch is created to facilitate water run-off.

This, combined with the relocation of drainage to the outside of the building, ensures water is permanently removed from a roof and the potential for any further leakage problems is eliminated. Crucially, this is typically achieved without any disruption to classroom activity whatsoever.

Supported by a network of experienced installers, AshJack™ provides a range of systems, which can be individually tailored to suit the specific structural, budget and design requirements of the existing building. Systems start from as low as £90 per square metre.

This approach yields a really worthwhile suite of long term benefits. AshJack™ provides opportunities to significantly upgrade thermal and acoustic insulation levels, reducing energy costs and improving staff/pupil comfort.

Not only is the general appearance of the building enhanced, the value of the structure also increases. Maintenance costs are minimised over a greatly extended roof life. Furthermore, security levels are also greatly improved, through the reduced likelihood of roof break-ins.

Bramhall High School in Stockport, Cheshire is a fine example of the transformation made possible by AshJack™.

Stockport Council faced the dilemma of wanting to over-roof school buildings, but surveys revealed the existing flat roof structure to be very fragile.

To overcome the problems, Ash & Lacy were able to offer AshJack™ constructed in a spanning truss configuration and featuring lightweight composite roof panels. Factory assembled, clear spanning AshJack™ trusses were installed using a series of purpose-made 17 metre long sections, fully supported by the existing load bearing walls, with no additional loading to the existing roof.

Roof installation was completed in under a month and the end result is a watertight roof with a greatly enhanced lifespan and totally transformed appearance.

Development of AshJack continues, reflecting the most up to date trends in school construction. The system is also able to accommodate solar pv panels at their optimum pitch. It can also be used as a framing system on solar farm configurations.

- Can increase the building value
- Reduced maintenance costs
- Improved security
- Enhanced appearance
- Opportunity to upgrade thermal/acoustic insulation
- No leaks
- Greatly extended roof life
- Systems tailored to budgets, starting as low as £90 per square metre
- Ideal for use as a solar pv support medium

www.ashandlacy.com

Ash & Lacy reserve the right to amend product specifications without prior notice. The information, technical details and fixings advice are given in good faith but are intended as a guide only. For further information please contact Ash & Lacy Building Systems. All products are supplied in accordance with the Ash & Lacy Terms & Conditions of Sale.

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