

## Case Study

### Sealed Air, Kettering - Rooflights and asbestos replacement programme



### Higham Roofing Ltd are one of the UK's leading specialist roof refurbishment contractors

#### Problem

Our client had a common problem for which they needed an economical solution with minimum hassle and no interruption of the production at their factories, whilst works were being carried out. The main priority of this roofing project was to prevent any further ingress of water into the building. The original roof was made from asbestos cement fibre sheeting. Our client had persistent issues of water ingress caused by severely delaminated rooflights and numerous cracked and defective asbestos cement fibre sheets. This was also compounded by the fact that, the rooflights had become opaque and dirty due to their age related deterioration which as a consequence made the building internally very dark.

#### Solution

We confronted additional difficulties, due to the existing sheet profile having been discontinued some years previously therefore, the rooflights and roof sheets were tailor-made for this specific project. A total number of 430 rooflights were removed and replaced on the buildings. Their replacements consisted of new Trilight 2.4kg/m2 SAA1 fire rating and superlife to suit the existing profile along with all the necessary fixings, sealants and fixing caps as per the manufacturers recommendations. Moreover, 48 new GRP cover sheets were installed to match the existing profile complete with all sealants and fixings.

#### Benefits

Our client no longer has a water ingress problem. In addition, the great benefit of the enhanced light in the building alone make this project more than worthwhile as not only is the building a vastly improved environment for its employees but the enhanced light also helps to reduce our client's energy bills accordingly, it is already making a contribution towards payback.

Furthermore, from a financial perspective, a complete roof replacement has been delayed due to the successful refurbishment works that have taken place.

**Our mission:** “to ensure our clients are aware of technically correct solutions to achieve project specific value for money”