



HOLM FARM, PRIVATE RESIDENCE

ARCHITECT: ARC ARCHITECTURE
CLIENT: PRIVATE CLIENT
CONTRACTOR: MATROD FRAMPTON
PHOTOGRAPHER: JONATHAN GOODING

Glazing Vision worked closely with Architect, A R C Architecture Ltd, and Contractors, Matrod Frampton Ltd, on this incredible project located in Lymington, Hampshire, where the client was looking for their new pool room extension to include a large, flat rooflight, creating a peaceful and naturally lit room, perfect for a relaxing swim. They were also looking for a rooflight within the loft area of the home to allow natural daylight and ventilation to the space.

Glazing Vision's Flushglaze Fixed Multipart Rooflight in Slate Grey Matt was specified for the roof of the pool house, which was an impressive

3800mm x 10360mm in size, which almost mirrors the size of the swimming pool below.

Bespoke glass was selected for this particular project. The double-glazed outer pane was made up of heat soak tested, toughened glass which offers a greater resistance to thermal stresses and provides better protection against glass breaking, reducing risk of injury, essential with a pool directly below.

Argon gas filled the space between the panes of glass which helps insulate the room and minimises the transfer of heat through the glass

along with a black warm edge spacer which is an insulating plastic composite material that becomes a barrier to heat loss.

The inner pane consisted of heat soak tested, toughened, PVB laminated glass which prevents glass shattering under impact by holding the shards together on the membrane so they cannot become lethal, and includes a soft coat low E rating of 1.1, helping with the energy efficiency of the room by reducing energy costs.

The product was tested to class 1 in accordance with CWCT TN66/67 which is essential for rooflights which might be walked on for occasional cleaning/ maintenance activities, and which will therefore need to support both



the weight of people on the glass and their equipment, which may be required on this occasion.

The rooflight was supplied in 6 sections with internal back-to-back angles at the joints between each section. The 6 sections were sized to achieve an equal split when viewed from underneath.

Our Skydoor Electric Hinged Access Rooflight was specified on the roof of the loft space which is ideal for ventilation and regular access, and offers natural daylight to the space below. Intelligent actuators ensure synchronized operation between the two supporting



mechanisms, so the Skydoor opens to a maximum 87° in one fluid, trouble-free motion, providing you with easy access to the space above.

The glass was a double-glazed unit comprising of a heat soak tested, toughened, soft coat low E (1.1) outer pane, with Argon Gas within the space between the panes and black warm edge spacer, with the inner pane consisting of heat soak tested, toughened, PVB Laminated glass, and was also tested to class 1.

Both rooflights were expertly installed by our sister brand, Glazing Renovations.

“Glazing Vision were helpful in explaining the two different upstands required for the different glazing systems. The installation team were helpful and carried out their work in a professional manor.” – Steve Davies, Site Manager, Matrod Frampton.

Working on a project which requires rooflights? [Get in touch](#) with our team of expert advisors who will be happy to assist you.