

TCRC Case Study: St. Francis' Primary School, Bristol



School Benefits from Enhanced Waterproofing & Thermal Upgrade

St Francis' Catholic Primary School is situated in a quiet residential area of Nailsea, North Somerset. The school building was constructed in 1979 around a central courtyard and comprises an assembly hall, seven classrooms, an ICT suite, a library, and additional practical learning areas.

Working with client Hookway and manufacturers Garland, TCRC were selected to upgrade approximately 350m² of waterproofing on both the courtyard flat roof and internal pitched roof areas.

Waterproofing Upgrade to Flat & Pitched Roofs

The specified flat roof system was Garland's StressPly Flex BUFR Warm Roof System, including new thermal insulation to raise the U-Value to 0.18, the required level for refurbishment. Cold-applied self-adhesive membranes were specified in all potential fire-risk areas in accordance with the NFRC's Safe2Torch Guidelines.

On the internal pitched roof the existing tiles were carefully removed prior to providing a new High Performance StressPly Flex Warm Roof System, again incorporating enhanced thermal insulation over new decking.

As part of the improvements, TCRC installed new rooflights, new UPVC fascia and lead cloak detailing. New rainwater gutters with increased capacity were also fitted to the perimeter of the flat roof sections.

All works were successfully delivered by TCRC within budget and programme, ensuring that both the client and the school were delighted with the final outcome. An insurance backed 20 year guarantee was also provided for complete peace of mind.

Project: St. Francis' Primary School

Location: Nailsea, Bristol

Client: Hookway

Products: Garland Stressply Flex BUFR System, New Rooflights, Rainwater Goods & UPVC Fascia

