



CASE STUDY – Hard-to-Treat Cavity Solution

BUFCA SUPPLIER: BASF Polyurethanes U.K. Ltd
BUFCA INSTALLER: Total Insulation Ltd

THE SITUATION

The Brighton based office of NPS, a leading national education property consultant, has completed work on a scheme at four schools. Stoughton Infant and Primary School in Guildford is a Victorian construction with narrow cavities.

SOLUTION

NPS used BBA certified Walltite CV100 spray foam insulation to improve the thermal insulation of the walls in the Victorian school building. The project also involved an extension being built and consequential improvements being carried out to the existing building.

Throughout the project, NPS acted as architect and specifier. The company specified Walltite for use in Stoughton Infant and Primary School in Guildford because of the narrow width cavities.

The quick application of Walltite injection grade rigid closed cell polyurethane foam prevents air leakage and air infiltration. Post-installation, the foam will not shrink or settle over time, providing sustainable insulation for the building's life span.

Helen Bayliss of NPS explained, "To comply with building regulations, when building the extension we had to also make improvements to the existing building and we opted to improve the thermal insulation of the walls.

"I chose Walltite because of its thermal capabilities after reading about a similar project in which it was used. The installation went smoothly with no hic-cups. It was the perfect solution for this job as the cavity was very small and the skins were uneven due to the materials used in the Victorian era."