



HUNTINGTON PRIMARY SCHOOL

In October 2018 completion was reached on the New Huntington Primary school. Huntington Primary in Chester was designed by Cheshire West and Chester Council, to cater for 420 primary age pupils and a 26-provision nursery.

The former primary schools' capacity was for 120 children but to cope with the demand of 1200 new houses being built nearby on the former Saughton Army camp, the decision was made to build a new school to meet the requirements.

Along with the school building, Kier, who were the main contractors on site were to build external hard and soft play areas, a car park and drop off areas and a multi-use games area. A junior pitch was to be created through reduction and retention of an existing pitch and a new adult pitch installed for community use.

The Acoustic concern for the school was 'noise break in' which is caused through issues such as rain noise, that in turn, would detract from the learning environment. In order to resolve this potential issue and to guarantee the children a healthy setting free from noise disturbance, we specified our Hush 10kg Barrier Mat to be installed in the roof of the building.

Hush Barrier Mat is a vinyl sound barrier mat loaded with naturally occurring minerals. The product is free of lead, unrefined aromatic oils and bitumen. Designed to improve the sound insulation of existing panels of metal, wood, plastic etc., at all frequencies. The mat is normally fixed in intimate contact with the original panel. Hush barriers are particularly effective in overcoming coincidence dip resonance found in stiff lightweight composites such as plywood sheets and hollow core panels.

Working alongside Kier, were Delta Group, who we supplied with 1100 sheets of our Hush 10 kg Barrier Mat. They then applied this to the roof of the school in 3 layers, to give a mass of 30 kg/m² and improving acoustic performance across all frequencies.



The Hush 10kg Barrier Mat helps to achieve all UK Building Regulations including Document E (England & Wales), Section 5 (Scotland) and Part G (Northern Ireland) as well as the Code for Sustainable Homes Development.

You can view further product information here

www.hushacoustics.co.uk/wp-content/uploads/2014/04/Hush-10kg-M2-Barrier-Mat.pdf

If you would like further information on how to make your school or other building project acoustically fit for purpose, please do not hesitate to contact us on 0151 933 2026 or email us at info@hushacoustics.co.uk

Fast Facts

Client: Gavin Hill at Delta Group
Location: Chester
Region: Cheshire

Sector: Education
Products Used: Hush 10Kg Barrier Mat

HUSH ACOUSTICS

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HUSH ACOUSTICS