



SIKA AT WORK

BUCKINGHAM NEW UNIVERSITY, HIGH WYCOMBE

SikaTack® Panel Adhesive

BUILDING TRUST



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SIKA INVISIBLY CLAD BUCKINGHAM NEW UNIVERSITY IN HIGH WYCOMBE.

A revolutionary adhesive system that enables cladding panels to be seamlessly fixed to buildings, without the need for unsightly mechanical fixings, has been specified for a state of the art new sports hall at Buckingham New University, forming part of a massive £200 million campus redevelopment.

[SikaTack® Panel Adhesive](#), developed by global building product manufacturer Sika, was specified by project architects [RMJM](#) as a proven way of securely and invisibly attaching the Trespa cladding to the outside of the sports hall. This has enabled the creation of a clean and uninterrupted façade.

The project forms the first phase of a 10-year development plan at the University in High Wycombe. Completed in time for the new term, the complex known as 'The Gateway', includes a gym, sports laboratory and treatment rooms as well as a main sports hall.

Working for main contractor, St Albans based [BAM Construction](#), Pace Installations completed the cladding work using the [SikaTack® Panel Adhesive](#) to efficiently fix the cladding panels to the structure.

A primary fixing method, the system eliminates the need for additional fixings and has been engineered to be applied on site. Having undergone rigorous testing, which has been monitored and endorsed by [CWCT](#), [SikaTack® Panel Adhesive](#) has a proven track record and is supported with impressive wind loading and dead weight statistics.

As part of Sika ongoing research and development the company works with structural engineers to undertake adhesion testing on any new cladding materials to ensure suitability. In addition, the company provides installation training and support to contractors as part of a complete solution.

Needing no screws or brackets, [SikaTack® Panel Adhesive](#) provided an easy method of applying the panels. The panels were first prepped using a specialised cleaner and then both the cladding support system and the cladding are primed.

A special 3mm thick black double-sided adhesive tape was then applied to the support system to provide temporary support. This enables the panels to be correctly positioned as once the [SikaTack® Panel Adhesive](#) is applied the panels are firmly stuck in place and cannot be moved. Once the panel is in position, the adhesive was applied and the cladding panels were then fixed into place.

Sika elastic bonding technology means there is no need for extensive metal fixings. This helps save on project costs as time on site is reduced due to the minimal preparation and installation time needed compared to that required for more traditional fixings.

Full testing has been carried out on the [SikaTack® Panel Adhesive](#) system, which has proven to last without any reduction in performance. It has [BBA accreditation](#) ensuring peace of mind to both specifiers and contractors alike.

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