



FUNDING SUPPORT FOR ACADEMIES AND SCHOOLS



AN INTRODUCTION TO SIKA LIQUID PLASTICS



SIKA LIQUID PLASTICS – PROTECTING THE FUTURE

Sika Liquid Plastics is a British manufacturer of cold applied, flame-free roofing systems that works alongside specialist Chartered Building Surveyors, to help academies gain government funding for major refurbishment projects, via the ESFA (Education & Skills Funding Agency).

Since 1963 we have produced an extensive range of high performance, technologically advanced coatings and membranes for the protection and waterproofing of roofs, associated walls, and balconies. These products are leaders in their fields because of their unique properties and ability to outlast and outperform traditional counterparts.

Our flagship product, Decothane, has been the cold-applied liquid roofing system of choice for schools, academies and education facilities. We have further developed this patented technology, with the introduction of Decothane Ultra, – a low odour solution, ideal for work on academies and schools, due to its ability to cause minimum disruption to building occupants.

As a member of the Sika worldwide group, the demand for our products stretches across the globe, and many successful projects have been completed in the Middle East, the USA, and Europe.



SUPPORTING YOU THROUGH AN EXPERT APPROACH



The Government recognised that many UK schools are in need of vital maintenance repair that, if not addressed could result in the temporary closure of areas, if not the whole school on health and safety grounds. For this reason, the ESFA has funding streams in place for academies, or applying academies, to tackle these issues before they escalate. The Condition Improvement Fund (CIF) is just one of those funding streams which we have successfully helped schools to secure.

CONDITION IMPROVEMENT FUND (CIF) SUPPORT

The Condition Improvement Fund (CIF) is an annual bidding round for academies and sixth-form colleges to apply for capital funding. The core priority is to address significant condition need, keeping buildings safe and in good working order. The CIF also supports a small number of expansion projects for those rated by Ofsted as good or outstanding, which includes expanding existing facilities or floor space to increase the number of admissions in the main year of entry or address overcrowding.

Visit the Education Funding Agency (EFA) for more information on funding streams available: <http://ow.ly/2KBg30eCel>



SIKA LIQUID PLASTICS' SERVICE



ACADEMY FUNDING SUPPORT EXPLAINED



ACADEMY FUNDING SUPPORT EXPLAINED



1. INITIAL CONSULTATION

In conjunction with a specialist Chartered Building Surveyor, we will conduct a free initial consultation about funding eligibility with the school Business Manager and/or Site Manager. We will discuss the various funding streams available, such as the Conditional Improvements Fund (CIF), The Salix Energy Efficiency Fund (SEEF) and The Healthy Pupils Capital Programme.



2. CONFIRMATION OF ELIGIBILITY

Our partnered Chartered Building Surveyor specialists can provide advice on how to gain eligibility for potential areas of refurbishment, including roofing areas, windows and boilers.

The current Condition Improvement Fund (CIF) can be obtained by Single Academy Trusts (SATs) and smaller Multi-Academy Trusts (MATs). Larger MATs are still eligible for funding, which they can gain directly from the ESFA.

* MATs with less than 5 schools and under 3,000 pupils.



3. SURVEY IN CONJUNCTION WITH SPECIALIST BUILDING SURVEYOR

Working in partnership with a specialist Chartered Building Surveyor, we conduct free and comprehensive surveys based on the school's requirements identified at consultation stage. In the case of roofing bids, we will assess thermal performance, condensation risks, draining efficiency and resistance to wind uplift. The most safe and sustainable solution will then be designed to form a bespoke specification for your school.



4. FUNDING BID APPLICATION

The Chartered Building Surveyor manages the bidding process on the school's behalf, from start to finish. Incorporating the information gathered from survey stage, the bid statement is a complex and tailored application, made to give the school the best possible chance of securing funding. There is no charge to the school for the completion and submission of a funding bid, and should the school be successful in securing funding, any associated project management costs from the Chartered Building Surveyor are absorbed within the funds awarded to the school - ultimately resulting in a cost neutral process.



5. APPLICATION SUCCESS

The chosen Chartered Building Surveyor will receive notification of the bid application success at the end of March or beginning of April. We have currently helped secure over £20 million worth of funding for the academies we work with across the UK.



6. CONTRACTOR APPOINTMENT

When specifying Sika Liquid Plastics products, we recommend the use of our Quality Assured Contractor Programme. This is made up of audited roofing contractors based throughout the UK. Our QA Contractor Programme entry requirements are extremely demanding and all our QA contractors receive full training from our experienced Applications department, to ensure high quality standards are met.



7. ON-SITE PROJECT MANAGEMENT

Alongside our initial detailed condition report on bid application, we continue to provide support throughout the project, alongside the QA Contractor and Chartered Building Surveyor. Our Applications team, consisting of highly skilled roofing experts, will provide technical advice, guidance, and regular, comprehensive inspections.



8. PROJECT SIGN-OFF AND AFTERCARE

A final inspection of the project will be conducted by our expert Applications team, ensuring that the highest level of workmanship has been reached before a guarantee is issued. 15, 20 and 25 year systems are available, and backed by our single point guarantee, covering the entire roofing system, from the deck upwards, and all details will be provided in the After Care Pack.

CASE STUDY



ALL SAINTS CATHOLIC ACADEMY, MANSFIELD

BACKGROUND

Sika Liquid Plastics' Decothane Ultra cold-applied liquid roofing membrane has been used to refurbish the roof of All Saints Catholic Academy in Mansfield, providing a solution that has addressed water ingress, thermal performance and awkward detailing around rooflights without causing any health and safety concerns, or disruption to lessons on site.

REQUIREMENT

Sika Liquid Plastics worked with an education funding/project management consultant and the school's management team, to compile and submit the paperwork required to secure Condition Improvement Funding (CIF) for the project.

With funding secured, Sika Liquid Plastics advised on the technical specification for the project, to address the specific requirements of the building.

All Saints Catholic Academy is a one and two-storey building on a sloping site with a roof area of 2,425m², featuring several rooflights. The seal around the rooflights had failed, causing water ingress, and the existing felt roof surface had reached the end of its serviceable life and required replacement. In addition to addressing these maintenance issues, the roof refurbishment also provided an opportunity to upgrade the building's insulation in line with current building regulations, improving thermal comfort levels for staff and students, and contributing to operational cost management.

SOLUTION

A Sika Liquid Plastics' Quality Assured (QA) Contractor began by preparing the roof surface, - a timber substrate with a vapour control layer and existing 80mm PIR insulation board under a double layer of felt. The contractor then used Sika Liquid Plastics Decostik[®] Foaming Adhesive to create an even surface in areas where it was not possible to remove the excess prior to fixing Sika's 90mm Decotherm Flat Board insulation onto the existing roof surface.

The contractor then installed Sika's S-Vap 7000E DP self-adhesive carrier membrane to the insulation board, prior to application of the cold-applied Decothane Ultra liquid membrane.

An additional challenge for the contractor was that the roof featured conventional rooflights which were removed and replaced with new Sika Decolight triple skin polycarbonate rooflights and insulated kerbs, to provide a more thermally-efficient solution, and address water ingress issues.

PROJECT DETAILS

Product: Decothane Ultra
Size: 2,400m²

CASE STUDY



EDEN PARK PRIMARY SCHOOL ACADEMY, DEVON

BACKGROUND

The roof refurbishment works at Eden Park Primary School Academy in Devon are yet another example of Sika Liquid Plastics' dedication to delivering roofing systems that suit the sensitive education environment, as well as helping academies to secure funding.

REQUIREMENT

Sika Liquid Plastics' worked with a specialist Chartered Building Surveyor to compile the detailed report on the original felt roof, which had reached the end of its life, and was in desperate need of upgrading.

The Chartered Building Surveyor needed to specify a system that could cope with complicated detailing, as there was extensive work needed to make good around the rooflights and was also keen to avoid the use of hot works on site, to minimise risk.

SOLUTION

With support from the Sika Liquid Plastics' Field Technicians, the Quality Assured (QA) Contractor completed the work in a matter of weeks, flawlessly overlaying the 1,500m² roof with the new Decothane system, as well as installing new insulation and Decolite rooflights. These rooflights do not require the raising of builders kerbs and consequential making good of the reveals, and are designed so that during installation, the site can continue operations with minimum disruption. The Sika Liquid Plastics system also allowed for a thermal upgrade, reducing both cost and work otherwise associated with stripping the original waterproofing to the deck.

PROJECT DETAILS

Product: Decothane
Size: 1,500 m²

SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



WATERPROOFING



CONCRETE



REFURBISHMENT



MERCHANT



SEALING AND BONDING



FLOORING



ROOFING



INDUSTRY



WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika have a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 97 countries around the world and manufactures in over 190 factories. With over 17,000 employees Sika generates annual sales of CHF 5.75 billion (£4.69bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds and Dublin with more than 700 employees and a turnover of more than £220 million.

The information, and, in particular, the recommendations relating to the application and end use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. Please refer to our homepage www.sika.co.uk for our current standard terms & conditions applicable to all orders. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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