



New Build Solutions for Roofs and Balconies





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A Brief History



6/7

“We want our customers to know they have made the right decision working with us.

We want our team to enjoy delivering the highest level of service.”

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.

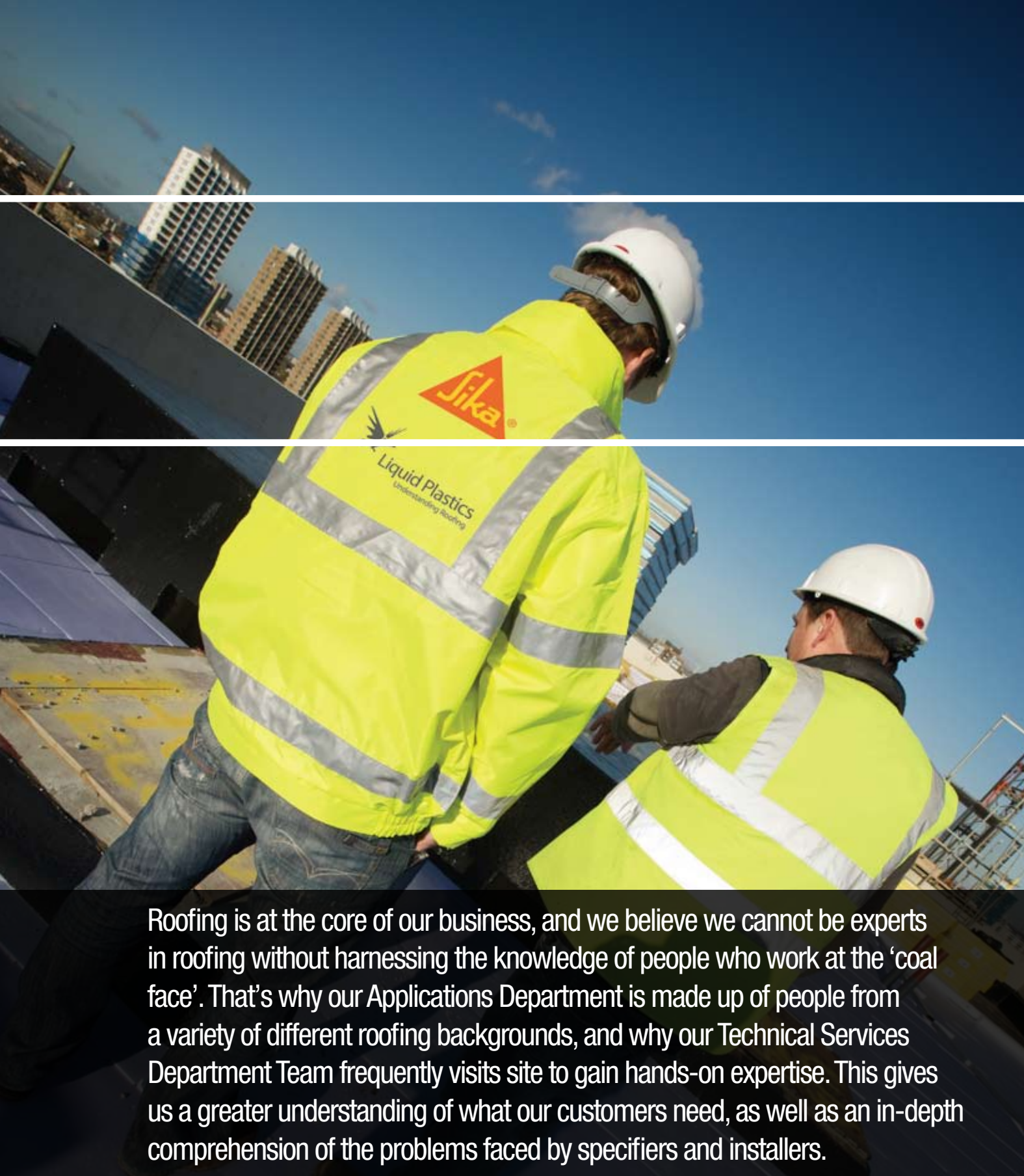
As a member of the Sika worldwide group of companies the demand for our products stretches across the globe, and our systems have been installed on many successful projects in the UK, Europe, Middle East, USA and Asia.

Our key clients include:

Bouygues
Carillion
Bovis Lend Lease
Balfour Beatty
Skanska
Olympic Delivery Authority
Barratt Homes
Sir Robert McAlpine
Laing O'Rourke



The Sika Liquid Plastics Team



Roofing is at the core of our business, and we believe we cannot be experts in roofing without harnessing the knowledge of people who work at the 'coal face'. That's why our Applications Department is made up of people from a variety of different roofing backgrounds, and why our Technical Services Department Team frequently visits site to gain hands-on expertise. This gives us a greater understanding of what our customers need, as well as an in-depth comprehension of the problems faced by specifiers and installers.



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“The people are what really makes Sika Liquid Plastics work and we are proud to have a group that demonstrates such dedication and expertise on a daily basis..”

Expertise is apparent throughout our organisation, from our highly trained marketing and technical teams, to the skilled chemists who work in our Research and Development Lab. We also support on-going people development and actively encourage all of our staff to pursue relevant qualifications and on-the-job experience. As part of our commitment to investing in people we ensure every member of our sales team achieves the Licentiate qualification with the Institute of Roofing – something which is unique within our industry.

Our mission is to ensure our team enjoys delivering the highest level of customer service. We achieve this by working together across departments, developing cross-functional project teams, and most importantly making sure the customer always comes first.

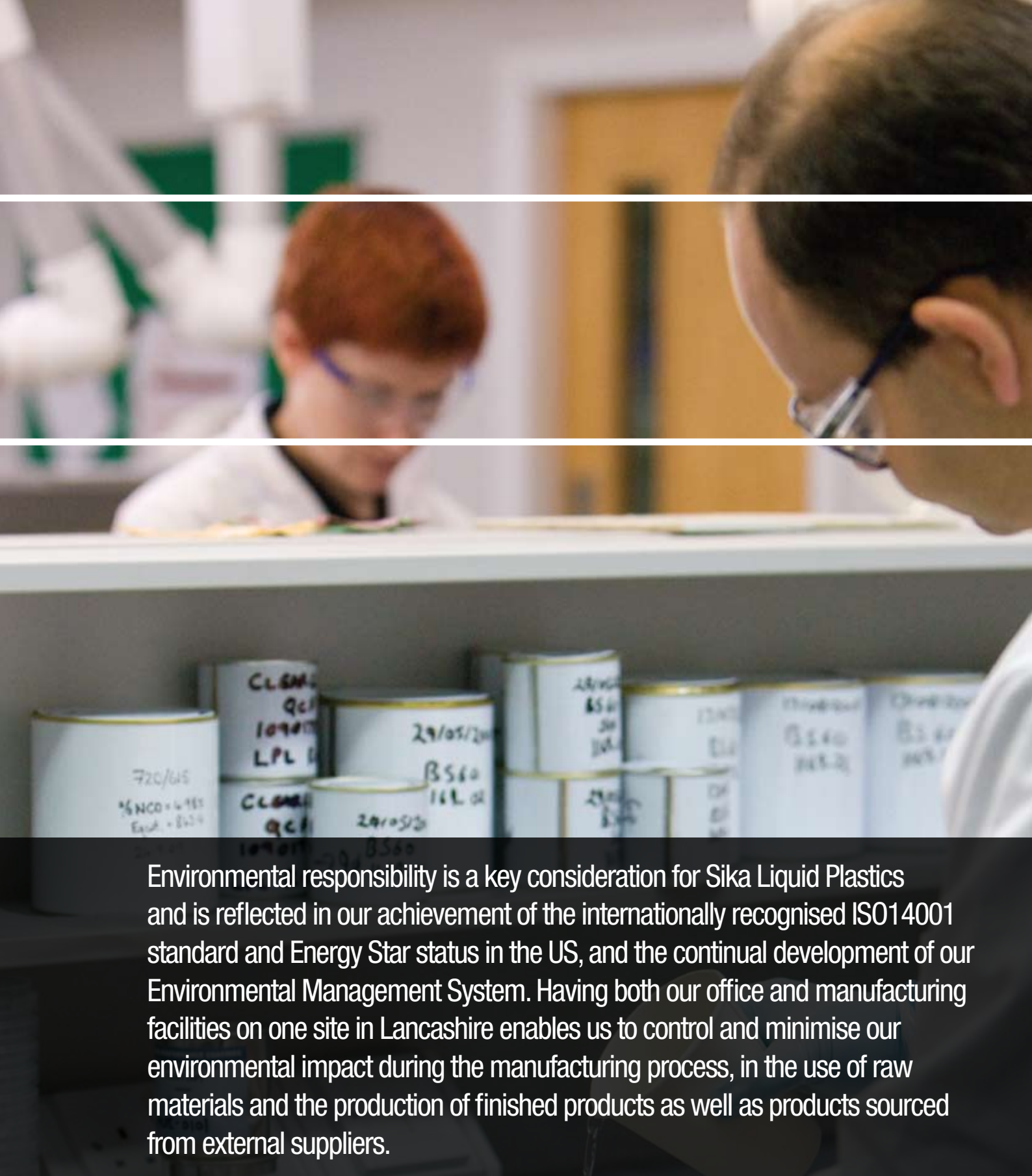
Our Research and Development team is made up of a dedicated group of highly qualified scientists all experienced in the development of products and materials for the construction industry. Housed within a recently redeveloped R&D laboratory, the department undertakes wide ranging and challenging work, primarily in the field of polyurethane and allied chemistries.

As part of the global Sika Group our head office is in Switzerland but the manufacturing and UK base for Sika Liquid Plastics is at our offices in Preston, Lancashire, where we have a six acre site – home to extensive manufacturing and warehousing facilities.

Since we first moved to the site in 1965 we have made significant investments in both plant and premises and the current manufacturing resource is extremely capable of matching our growth expectations.

Our dedicated, enthusiastic, and highly trained manufacturing team is very experienced in producing products of the highest quality and to designated specifications. The vast majority of our factory operatives are NVQ qualified in Business Improvement Techniques, and through a recognised and structured approach our lean manufacturing programme ensures we are able to drive through continuous improvement initiatives throughout the manufacturing process.

Sika Liquid Plastics and the Environment



Environmental responsibility is a key consideration for Sika Liquid Plastics and is reflected in our achievement of the internationally recognised ISO14001 standard and Energy Star status in the US, and the continual development of our Environmental Management System. Having both our office and manufacturing facilities on one site in Lancashire enables us to control and minimise our environmental impact during the manufacturing process, in the use of raw materials and the production of finished products as well as products sourced from external suppliers.



10/11

“Protecting the environment is the responsibility of all manufacturers, and it is a responsibility that we at Sika Liquid Plastics take very seriously.”

Our Commitment to Reduce Impact on the Environment

Since our formation, we have directed our research efforts towards developing high solids systems, which minimise the need for organic solvents. As a result we have always remained well in advance of stringent legislation and continue to lead an international field in the search for environmentally responsible technologies.

Sika Liquid Plastics was the first liquid membrane manufacturer to have our products assessed by BRE using the rigorous Environmental Profiles Methodology. We have used our experience to work with the Liquid Roofing and Waterproofing Association (LRWA) to obtain a generic rating for cold applied liquid membranes. Once the generic rating has been confirmed this can be used to contribute towards a buildings BREEAM rating.

We also actively engage with all of our key suppliers to ensure that wherever possible all companies are accredited to BS EN ISO 9001/14001 and have an approved Environmental Management System.

Carbon Footprint

We believe the carbon footprint for many of our systems is considerably lower than our competitors. Many of our competitors are based in mainland Europe and the US and therefore our transportation costs are far less in comparison as we ship from our manufacturing facilities in Preston, UK.

Guarantees



Our Decothane and Decaflex roof waterproofing membranes provide long lasting, elastomeric, weatherproof protection guaranteed for 10, 15, 20 or 25 years



12/13

“Our waterproofing systems offer unrivalled life cycle cost savings.”

Sika Liquid Plastics has developed clear and simple guarantee options that the client/specifier can choose from to suit their project needs. The two options are:

Option 1: The Sika Liquid Plastics Product Guarantee

The Sika Liquid Plastics guarantee offers a single point of responsibility, and ensures that the client is protected against the failure of watertightness caused by incorrect design, defective materials or poor workmanship, through the issue of our **Product/Extended Product Guarantee and Final Inspection Certificate (FIC)**. We believe this guarantee is the most comprehensive available in the roofing industry.

When specifying Sika Liquid Plastics products we would always recommend the use of our Quality Assured Contractor Programme, which is made up of contractors based throughout the UK. The Sika Liquid Plastics Product Guarantee is only available for projects completed using a QA Contractor. The programme offers clients guaranteed quality and assurance because all QA contractors have received full training from us in all application techniques.

The guarantee can provide coverage for 10, 15, 20 and 25 years depending on the specification and is signed by Sika Ltd, Sika Liquid Plastics QA Contractor, the main contractor (where relevant), and the client.

The **Sika Liquid Plastics Product/Extended Product Guarantee** covers the entire roofing system from the deck upwards. This quite simply means that if the roof water tightness is accepted as having failed, as a result of any faulty component invoiced by Sika Liquid Plastics or an approved Branded Product, or inadequate specification by Sika Liquid Plastics, we will take responsibility for the appropriate remedial actions.

Our in-house Technical Services Department provide specifications that are covered by design insurance and make recommendations based on a site inspection.

Final Inspection Certificate

All projects that are to be completed by a QA Contractor and have been specified for a single point guarantee will have a dedicated Sika Liquid Plastics Field Technician who joins the project team and carries out inspections at agreed stages of the project.

On completion of the roofing system the Field Technician carries out a Final Inspection, ensuring that the work has been carried out in accordance with the specification and that it meets the necessary standards for the guarantee.

Once the Field Technician has signed off the roof, the guarantee is issued to the QA Contractor, following the contractual chain. Should there be faulty workmanship or design then a claim would be brought to Sika Liquid Plastics under the Final Inspection Certificate.

Option 2: Sika Liquid Plastics Material Guarantee

This guarantee covers the material supplied. The contractor in this situation would self certificate their own workmanship.



Consultation & Roof Survey



14/15

“Our service begins with the very first phone call and continues throughout the project to completion.”

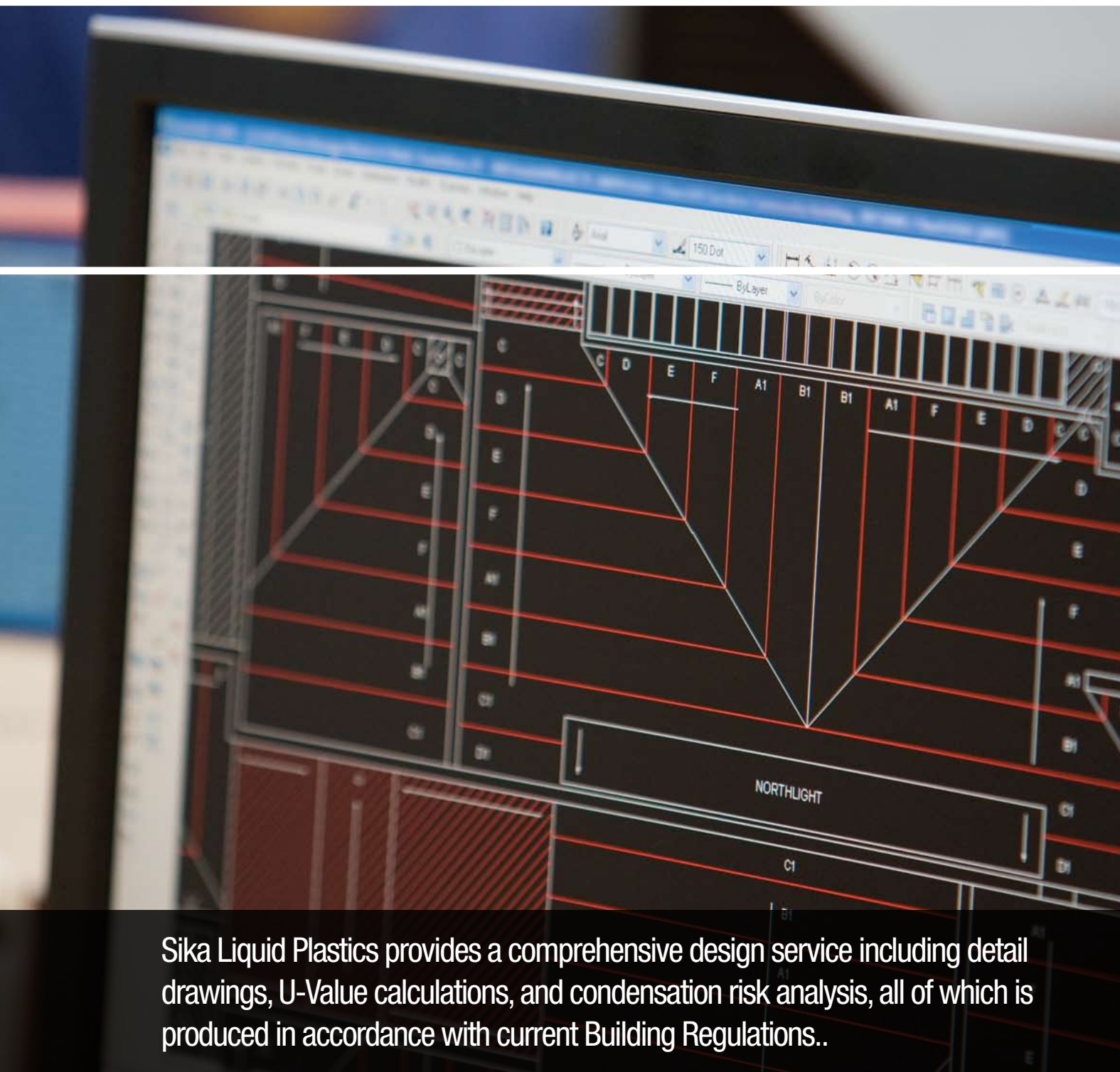
Every project is very important to us. This is why we always arrange an initial consultation to discuss your needs specific to the project - making sure that everything that is required for the project has been incorporated and reflected in the scope of works.

In addition our roofing specialists can also attend pre-start or design meetings at any stage of the project to provide roof design assistance and ensure accurate design work throughout the project.

As building standards become more regulated, contract legislation and liability clauses more stringent, and building regulations more complex, we ensure all of our roofing consultants and technical personnel are fully equipped to handle the demands of a fast paced market. All of them have completed the rigorous Institute of Roofing training course, which means they each have a minimum Licentiate qualification.

At Sika Liquid Plastics we understand your need to get the best solution for your individual project. With this in mind we can offer a full service package including roof consultancy, technical specification and design, and on-site technical support from pre-start through to project completion.

Design and Specification



Sika Liquid Plastics provides a comprehensive design service including detail drawings, U-Value calculations, and condensation risk analysis, all of which is produced in accordance with current Building Regulations..



16/17

“We understand the need to provide bespoke roofing solutions...”

The new build market presents its own specific challenges with demand for high performance, technologically advanced products that also demonstrate sustainable characteristics. Speed of installation and the ability to work in conjunction with other trades during a new build are also extremely important.

Our Technical Services Team can produce bespoke specifications

which include;

- Project specific detail drawings
- Tapered insulation plans and roof layouts (where required)
- U-Value Calculations
- Wind Load Calculations
- Condensation Risk Analysis

We also have dedicated personnel able to produce NBS specifications when required.

Quality Assured Contractor Programme



When specifying Sika Liquid Plastics products we recommend the use of our Quality Assured Contractor Programme, which is made up of audited contractors based throughout the UK. The programme offers clients guaranteed quality and assurance because all QA Contractors have received full training from us in all application techniques in order to help them meet our stringent standards.



18/19

“Our QA Contractors receive comprehensive product training provided by our roof experts.”

To promote strict professionalism, our QA programme has demanding entry criteria along with a stringent code of practice. The offices of potential new members undergo a comprehensive audit inspection to ensure that the company has a sound corporate identity and follows excellent working practice.

We will always recommend a selection of QA Contractors for your project, giving you freedom of choice with a guarantee of quality workmanship.



Project Monitoring



20/21

“On-going project support is a key element of our service offer, undertaken by our nationwide team of highly skilled Field Technicians.”

We offer complete support throughout the works including:

- Attendance at pre-start meetings
- Regular comprehensive documented inspection visits
- A final inspection of the work to ensure that the highest level of workmanship has been achieved before a guarantee is issued

Our Applications Department consists of a group of highly skilled roofers who all have experience of working ‘on the tools’. This unique hands-on experience means they know the best way to overcome most problems faced by contractors on site.

Their roofing expertise allows us to offer an unrivalled service experience that includes technical advice, guidance, and support - whether on-site or in the office.

From pre-start to project completion, Sika Liquid Plastics Applications Team is on hand to ensure your project runs smoothly. We work closely with our network of Quality Assured Contractors to ensure every installation meets our high standards.





Inverted Roof System



Product/System	Guarantee	Substrates
Inverted Roof System	25 Years	- Concrete - Exterior Grade Timber

22/23

Podium Decks and Plant Rooms

Many contemporary buildings incorporate landscaped basement roofs commonly known as podiums.

They can vary from habitable space to car parking, however whatever the usage it is vital the correct waterproofing system is selected for the Podium Deck. Sika Liquid Plastics Inverted Roof System is highly suited to this application.

We also have a range of solutions that can be used to coat the floor of internal plant rooms to seal the substrate and provide a secondary waterproofing membrane in case of plant failure or spillage. Our system can be customised to provide a skid inhibiting surface to suit the project/client requirements.

For more information please contact us on **01772 259781**.

Our Inverted Roof System offers many advantages over traditional warm and cold low pitched flat roofs. Not only is the system completely cold applied, it is also totally seamless - eliminating the risk of leaks due to failure of joints. As the waterproofing is protected from mechanical damage, UV degradation, and temperature extremes by the insulation and ballast the system can be expected to have a life in excess of that obtained in an exposed situation.

Sika Liquid Plastics Inverted Roofs offer protection from condensation risk and freeze/thaw cycles because the waterproofing is located on the warm side of the insulation. A completed Inverted Roof will also be resistant to foot traffic and exhibit a high compressive strength.

Unlike traditional inverted roofs, our system includes the completely seamless Root Resistant Decothane waterproof membrane, which is proven to resist

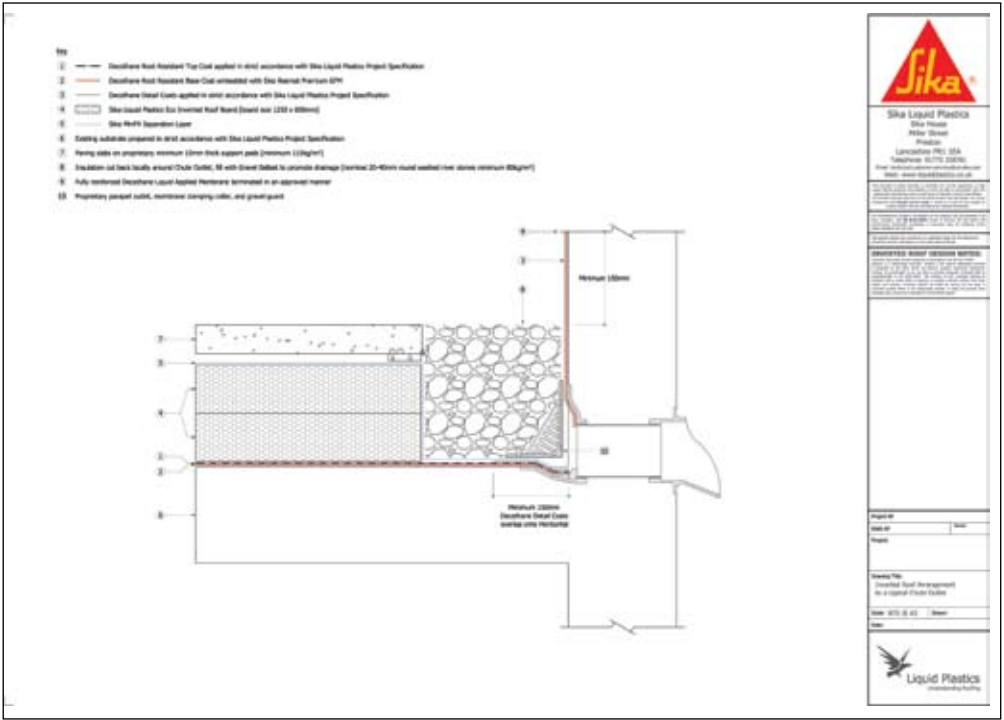
penetration by aggressive roots. Traditional systems can be subject to failure because the waterproof layer allows water ingress through joints, seams, and detail areas. It is therefore particularly important to avoid this scenario in inverted roof situations where the waterproof layer is below the surfacing and not easily reachable should problems occur.

Our system also includes a Sika Liquid Plastics bonded preparatory layer, which ensures a sound surface for the application of Decothane. Insulation is provided by the Sika Liquid Plastics Eco Inverted Roof Board – an extruded polystyrene board that is manufactured using CO₂ as the blowing agent and has zero Ozone Depletion Potential (ODP) and low Global Warming Potential (GWP).

Also available for use in the Inverted Roof System is Min fx which is a high performance separation layer that prevents water from reaching the waterproofing, thereby almost completely eliminating the rainwater cooling effect and allowing thinner insulation to be used.

Inverted Roof System features:

- Waterproofing system is seamless and cold applied
- Easy to install with simple application in detail areas
- High tensile strength - resists tear from normal building movement
- Extended life of the waterproofing due to being in a protected location
- Root resistant – no need for a separate root barrier
- Has been tested in accordance with the requirements of FLL and DIN 4062 5.7 Root Resistance tests
- Sika Liquid Plastics Product Guarantee is available when using a QA Contractor and when the complete Sika Liquid Plastics Inverted Roof System is installed
- The full system has BBA accreditation



Standard detail drawings are available for download from our website www.liquidplastics.co.uk. Design development and site specific details can be provided to suit individual projects.





Built-Up Roof Systems



Sika Liquid Plastics launched its built-up roof System in 2004, which signalled a revolution in roofing systems due to its completely flame free and heat free installation. Since then the market has evolved with more clients requiring cold applied options with improved workability.

Traditional methods of application for roofing systems can require temperatures in excess of +500°C to +800°C using gas torches, bitumen boilers, and hot gas guns. Creating heat at these temperatures, along with the combustible materials usually found on roofs, is a potentially dangerous combination.

Our built-up roof system is completely cold applied, thus eliminating the need for any heat or naked flame on the roof. The full system has been tested in accordance with BS EN 13501-5 and BS 476-3 and has achieved a BROOF(t4) and EXT. F.AB respectively, allowing unrestricted use under the current building regulations.

Also, as with the liquid applied waterproof membrane, the whole system is easy to install with simple application to detail areas.

The full system includes S-Vap 5000E SA, which uses self adhesive technology and can be used as a temporary waterproofing layer - helping to protect the building from water ingress during installation. Therefore internal works can progress with minimum disruption to the build schedule.

Decotherm is a high performance CFC/ HCFC free, PIR insulation with a glass fibre facing. It is available as flat board or tapered for those roofs that are not designed with a deck to falls.

The Decotherm board is bonded using Decostik SP - a cold applied mid foaming single pack adhesive.

Sika Liquid Plastics Carrier Membrane SA is a high performance product that acts as temporary waterproofing for the insulation and provides a smooth, consistent surface for the application of the Decothane or Decaflex liquid waterproofing system.

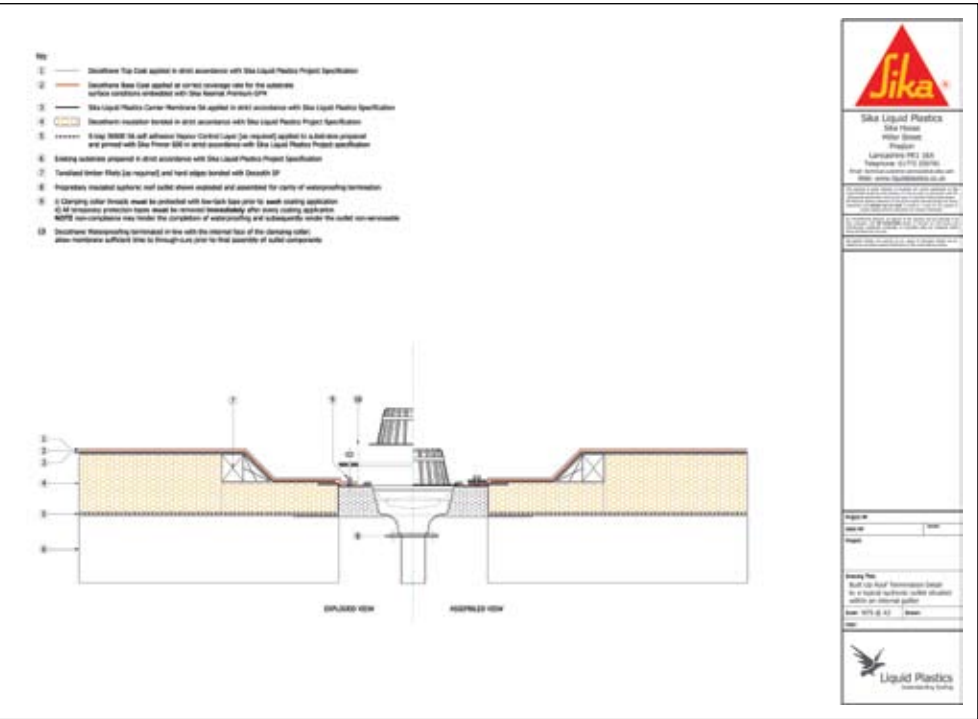
Cold Bonded Built-Up Roof System features:

- Cold applied, seamless technology, cold bonded, zero flame, zero heat application
- Complete system is easy to install with simple application in detail areas
- Self adhesive layers can be used as temporary waterproofing
- Decotherm can also be mechanically fixed when used with S-Vap 500E
- Our membranes are tough and elastomeric, which means they can withstand normal thermal/structural movement
- Resistant to maintenance foot traffic, UV degradation, and airborne pollutants
- Maintenance walkways can be easily created by using Sika Liquid Plastics Skid Inhibiting Grit
- Sika Liquid Plastics Product Guarantee is available when using a QA contractor
- Decothane systems have BBA accreditation



Product	Guarantee	Substrates
Cold Bonded Decaflex 10	10 Years	• Concrete • Profiled Metal Deck • Exterior Grade Timber
Cold Bonded Omega 15	15 Years	• Concrete • Profiled Metal Deck • Exterior Grade Timber
Cold Bonded Gamma 20	20 Years	• Concrete • Profiled Metal Deck • Exterior Grade Timber
Cold Bonded Delta 25	25 Years	• Concrete • Profiled Metal Deck • Exterior Grade Timber

¹Decotherm® may need to be mechanically fixed in some circumstances



Standard detail drawings are available for download from our website www.liquidplastics.co.uk.
Design development and site specific details can be provided to suit individual projects.



Green Roof Systems



Product	Guarantee	System Components
Extensive Green Roof	25 Years	Filtration Layer, Drainage Layer, Sedum Substrate & Pre-grown Sedum Blanket*
Biodiverse Roof/Extensive Brown Roof	25 Years	Drainage Layer, Filtration Layer & Brown Roof element to suit project requirements*
Intensive Green Roof	25 Years	Filtration Layer, Drainage Layer, Green Roof element to suit project requirements*

*These are typical build-ups and the depths of system and weights can be adapted to suit specific project/client requirements

Intensive Green Roof System designs are versatile, allowing the roof area to be utilised as a highly aesthetic area for recreation, public access or simply to be admired from surrounding buildings.

They have a deeper growing medium than Extensive Green or Biodiverse Roof/Extensive Brown Roofs because trees, shrubs, turf and hard landscaping can be incorporated into the design. The roof

structure will require extra loading capability to withstand the weight of the system and support an irrigation system for maintenance, if required. At Sika Liquid Plastics we have a range of options to suit all green roof requirements.

For more information please contact us on **01772 259781**.

Since 1995 green roofs have become a common sight in the UK with a popularity driven in the main by the growth in sustainable technology. Green roofs can also aid planning consent and offer many benefits to the environment.

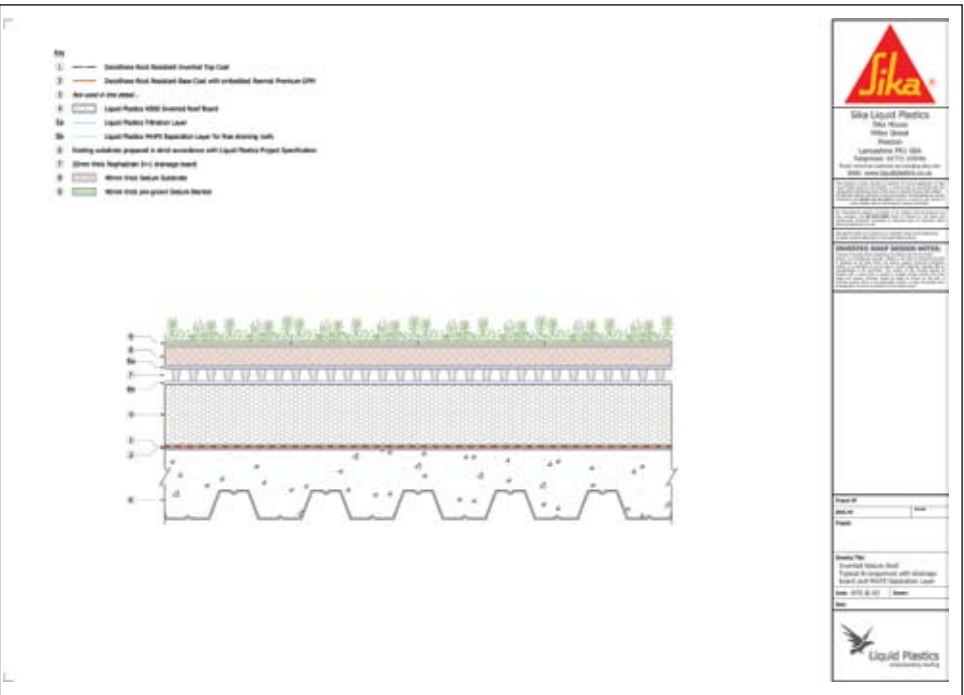
A green roof is the term applied when vegetation such as sedum, plants and trees, are installed on a building.

Traditional waterproofing membranes such as bituminous felt, asphalt, single ply, and hot melt can all be used in green roof systems, however liquid applied membranes, like our Decothane material, offer many advantages both during installation and once in-situ.

Primarily Decothane is completely cold applied, thus removing the need for any heat or naked flame on the roof. It can be easily applied around detail areas and is also proven by FLL to resist penetration by aggressive roots. Our Green Roof Systems are unique because they were the first on the market to include a cold applied, seamless membrane that is certified by the BBA, and the full system also comes with a 25 year guarantee.

Green Roof System features:

- Waterproofing System is seamless and completely cold applied
- Root resistant – no need for a separate root barrier
- Has been tested in accordance with the requirements of FLL and DIN 4062 5.7 Root Resistance tests
- Easy to install with simple application in detail areas
- High tensile strength – resists tear from building movement
- Extended life of the waterproofing because it is protected by the green roof
- Sika Liquid Plastics Product Guarantee is available for the full system excluding the green element, when a QA Contractor is used
- The root resistant waterproofing system has BBA accreditation



There are three types of green roofs; Extensive Green Roofs, Biodiverse Roofs (Extensive Brown Roofs), and Intensive Green Roofs. Extensive Green Roof Systems are an ideal solution for providing an aesthetic, low maintenance ecological feature, which can be admired from surrounding buildings. Due to a relatively shallow growing medium they are much lighter in weight, making them ideal for use over most lightweight structures and low sloping roofs.

At Sika Liquid Plastics we have a range of options to suit all green roof requirements, for more information please contact us on 01772 259 781.



Standard detail drawings are available for download from our website www.liquidplastics.co.uk.

Design development and site specific details can be provided to suit individual projects.





Solar PV Roof System



28/29

Product	Guarantee	Substrates
Cold Bonded Delta 25	25 Years	- Concrete - Metal deck - Plywood
Inverted Roof System	25 Years	New Concrete

A roof was once seen only as a means of protecting a building from the elements. But now through the introduction of insulation to increase thermal efficiency, followed by the ability to generate renewable energy from the roof space, it has become a valuable resource for building owners.

By using solar photovoltaic (PV) panels on your building you can actually generate a yearly income that could pay off the initial cost of completing the roof work and installation, and in subsequent years will give you a significant return on your investment. The government also introduced the 'Feed in Tariff' system as a financial incentive developed to encourage building owners to generate their own power to help combat climate change.

Sika Liquid Plastics is the market leader for high performance, cold applied liquid roofing systems and has worked closely with selected partners to develop a unique Solar Roof package that building owners can rely on.

The use of solar white as the top coat to our exposed Decothane systems provides increased solar reflectivity for the roof. This results in lower roof surface temperatures, which can have many benefits such as reduced internal heat gain in summer and can lead to lower air conditioning costs, reduction of the Urban Heat Island Effect (UHIE) and improved performance of photovoltaic panels.

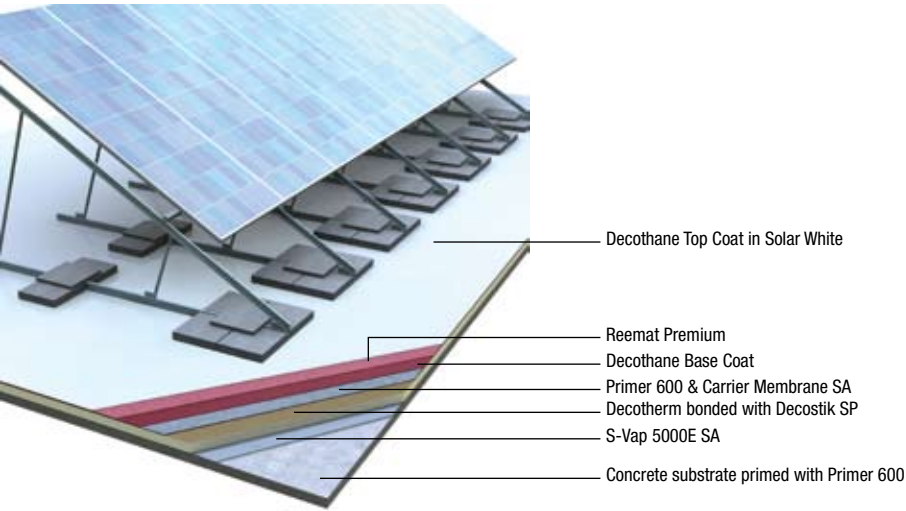
All the roofing systems we offer can accommodate the addition of crystalline panels secured on a frame that may be weighed down with ballast or fixed to the deck.

Solar PV Roof System Features:

- Highly reflective white roofing system option - provides a cool roof system
- Easy to install and low maintenance costs
- Cold applied waterproofing with no flames and no heat required
- Completely seamless waterproofing
- Can be used for roofs with complex detail areas
- Proven waterproofing product performance and up to 25 years guarantee
- High tensile strength and elasticity
- Sika Liquid Plastics Product Guarantee is available for the full system excluding the solar panels, when a QA Contractor is used
- BBA Certified Systems

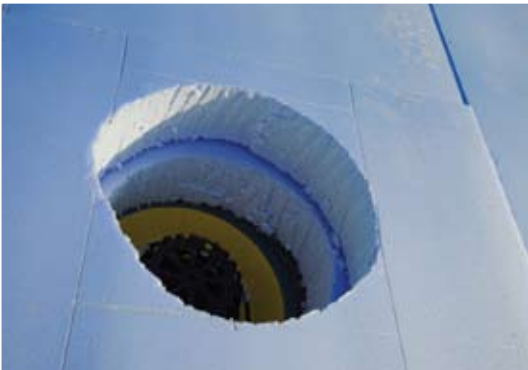


Solar System for Exposed Grey Roofs





Roofing Accessories



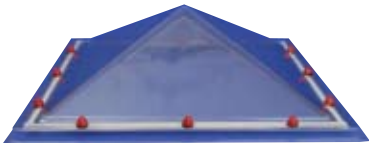
In addition to our full range of roofing solutions, we also offer a comprehensive selection of roof accessories including rooflights, roof edge trims, and outlets and penetrations. All of the accessories are fully compatible with our roof systems and technical assistance and advice is available to ensure you specify the most suitable products for your roof.



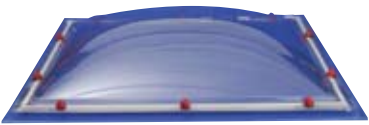
Decolight® Rooflights

Decolight® is a comprehensive and versatile range of BBA certified quality rooflights, compatible for use with our roof systems. All Decolight® rooflights are manufactured from high quality UV protected polycarbonate and are available with single, double, or triple-skin glazing. Decolight® rooflights are available in over 100 standard sizes, ranging from 400 x 400mm to 1700 x 2900mm. They have also been tested in accordance with EN1873 and ACR[M]2005 and are deemed 'Non-Fragile'.

Decolight® rooflights can be fitted directly to a builder's upstand or can be supplied complete with their own upstand.



Pyramid



Dome

Decolight® features:

- Nationwide sales team and technical support
- Large range available ex-stock
- Non-standard sizes available
- Building Regulations Part L compliant range
- Simple to install
- Triple glaze rooflights have been 'Hot Box' tested in accordance with BS EN ISO 12567-2
- Available in clear, opal diffused, bronze anti-glare and heat reflect
- Decolights® have BBA accreditation
- Decolights are covered by the guarantee provided for the system within which they are incorporated

Range of Roof Trims available

Product	Size (v/h)	Colour	Edge Profile
Decotrim® Edge Trim A Decotrim® Edge Trim B Decotrim® Edge Trim C Decotrim® Edge Trim E	50/65mm 80/65mm 100/65mm 150/65mm	Black	
Decotrim® Drip Trim D	100/60mm	Black	
External Corner Trims to match the above Internal Corner Trims to match the above	Various sizes available Various sizes available	Black Black	
Counter Flashing	75/18mm	Black	
Termination Bars	62/10mm	Black	
Sikaflex Pro 2 HP	300ml cartridge	Light Grey	

Range of other available accessories

Product	Size (v/h)
Vertical Outlet with Leaf Grate	75mm diameter and 110mm diameter available
Horizontal Leaf Grate	110mm diameter
Roof Cable Access Pipe	75mm Width/2 plastic elbows (vertical Spigot height 250mm)
Soil Vent Pipe	To suit 110mm diameter pipe



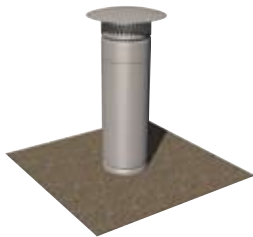
Vertical Outlet with Leaf Grate



Roof Cable Access Pipe



Horizontal Outlet with Leaf Grate



Soil Vent Pipe



Waterproofing for Balconies and Walkways



Balconies and walkways, like roofs, are exposed to the elements and require adequate waterproof protection to ensure they remain in good condition and suitable for use by the building's occupants.

With over 15 years experience in the Balcony market Sika Liquid Plastics has developed a range of systems specifically designed to protect balconies and walkways against the challenges presented by the elements, whilst providing an aesthetically pleasing finish.

The systems incorporate our unique waterproofing membrane Decothane Balcons – a high performance waterproofing system that utilises a moisture-triggered curing system. Our balcony systems are available with a range of guarantees and functional topcoat options designed to suit your project/client requirements.

Our balcony systems offer a complete solution for your balcony requirements, as well as exhibiting many key features:

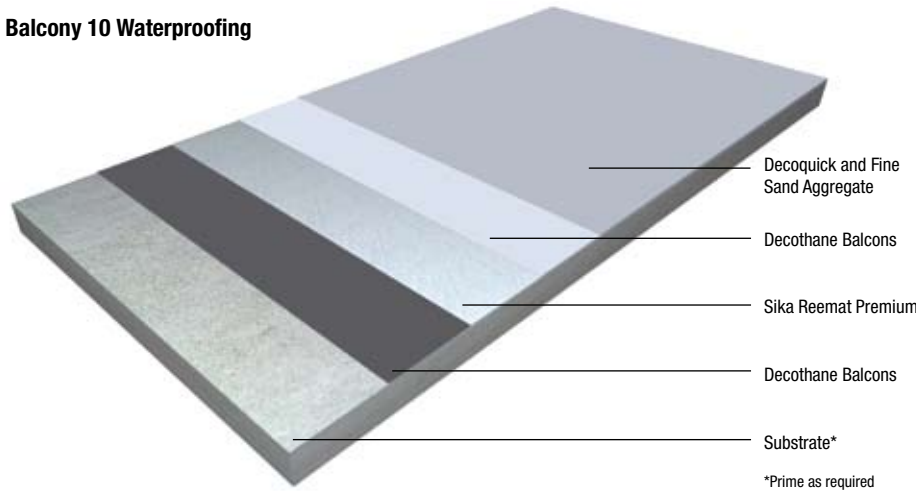
- Up to 20 year guarantees available
- Excellent adhesion
- Waterproofing achieves high tensile strength
- Elastomeric – allowing for greater thermal movement
- Hard wearing
- Skid inhibiting
- Seamless technology – no seams or joints
- Vapour permeable
- UV resistant

Product	Guarantee	Substrates
Balcony 10 Waterproofing	10 Years	Waterproofing and trafficable system for concrete walkways, balconies and terraces
Balcony 15 Waterproofing	15 Years	Waterproofing and trafficable system for concrete walkways, balconies and terraces
Balcony 20 Waterproofing	20 Years	Waterproofing of concrete walkways, balconies and terraces that are to be tiled or buried
Balcony Trafficable Coat		Trafficable system for concrete walkways, balconies and terraces

Our Balcony 10 Waterproofing system provides reinforced waterproof protection for walkways, balconies, and terraces.

- 10 year Sika Liquid Plastics Product Guarantee is available when using a QA Contractor
- Seamless technology – no seams or joints
- Fully reinforced – offers exceptional structural protection for both the deck and details
- Systems achieve high tensile strength
- UV and chemically resistant
- Hard wearing
- Excellent adhesion
- Elastomeric – allowing for greater thermal movement
- Vapour permeable
- Can have paint flakes applied for an enhanced aesthetic finish

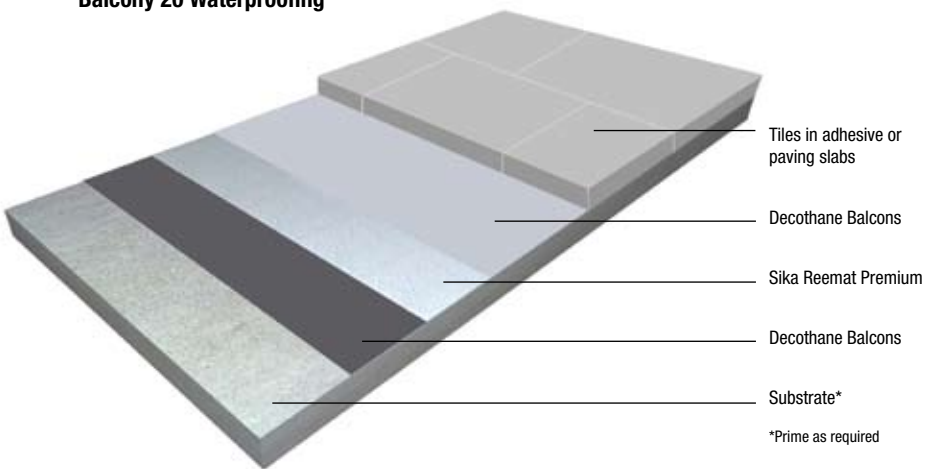
Balcony 10 Waterproofing





Waterproofing for Balconies and Walkways

Balcony 20 Waterproofing

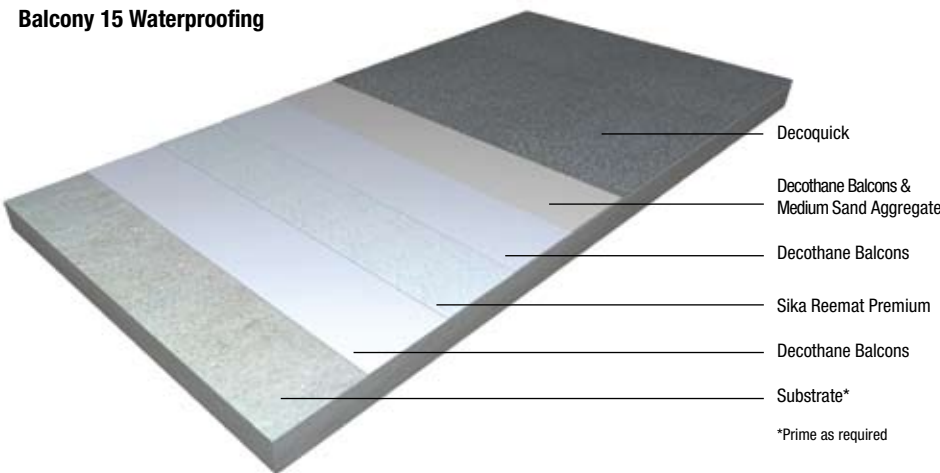


Our Balcony 20 Waterproofing system is ideal for waterproofing buried walkways, balconies, and terraces and can be covered by tiles, pavers, and screeds.

- 20 year Sika Liquid Plastics Product Guarantee is available when using a QA Contractor
- Seamless technology – no seams or joints
- Fully reinforced – offers exceptional structural protection for both the deck and details
- Systems achieve high tensile strength
- UV resistant at exposed details, and chemically resistant
- Excellent adhesion
- Elastomeric – allowing for greater thermal movement
- Vapour permeable

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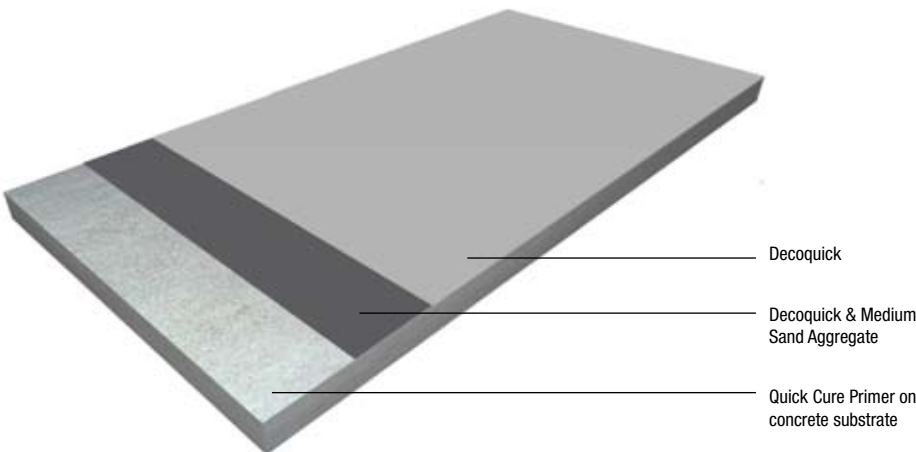
Balcony 15 Waterproofing



Our Balcony 15 Waterproofing system provides reinforced waterproof protection for walkways, balconies, and terraces.

- 15 year Sika Liquid Plastics Product Guarantee is available when using a QA Contractor
- Seamless technology – no seams or joints
- Fully reinforced – offers exceptional structural protection for both the deck and details
- Systems achieve high tensile strength
- UV and chemically resistant
- Hard wearing
- Excellent adhesion
- Elastomeric – allowing for greater thermal movement
- Vapour permeable
- Can have paint flakes applied for an enhanced aesthetic finish

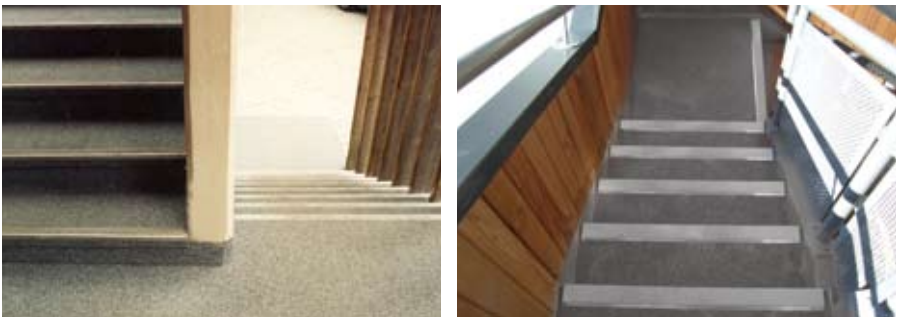
Balcony Trafficable Coat



The Balcony Trafficable Coat system has been designed to provide a cost effective, aesthetic surface for concrete balconies and communal walkways subject to pedestrian traffic. The system also incorporates Sika Liquid Plastics seamless technology.

- Cost effective
- Quick application
- Surfacing of concrete walkways, balconies, and terraces
- Can have paint flakes applied for an enhanced aesthetic finish

Waterproofing of stairs and stairwells



For full waterproofing of stairs and stairwells the Balcony 10 Waterproofing or Balcony 15 Waterproofing system can be specified. Both systems require the use of proprietary edge nosings to create a highly durable, skid inhibiting treatment for stair treads.





Waterproof Coatings for Associated Areas of the Roof



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Product	Substrates	Finish
Decothane Clearglaze	- Concrete - Masonry - Glass	Clear
Monolastex Smooth	- Concrete - Masonry - Render	Matt
Decadex	- Concrete - Masonry - Render	Matt

We have been manufacturing high performance specialist coatings for almost 50 years, and in that time we have developed an unparalleled knowledge of the specialist coatings market. We've used that knowledge to develop a range of weatherproof coatings for associated areas of the roof such as existing glazing, parapet walls and plant room walls.

Decothane Clearglaze

Decothane Clearglaze is a clear polyurethane coating which forms an effective barrier to water penetration. Its transparent finish renders it suitable for applications where it is desirable to retain the appearance of the underlying substrate. It is particularly suitable for protecting porous stone, decorative aggregate panels and brickwork against water penetration

and subsequent frost damage. The cured membrane enhances natural substrate colours -producing a "wet look" finish.

Decothane Clearglaze is also suitable for use as a waterproof coating over glazing and rooflights. Combining toughness with excellent adhesion, the coating provides an alternative to replacement of glazing and glazing bars (dependent on condition).

Monolastex Smooth

Monolastex Smooth is a water based, acrylic coating that is used to weatherproof parapet walls and plant room walls. It is elastomeric, vapour permeable and can be guaranteed for up to 15 years. It is extremely fast drying under normal conditions and two coats can be applied in a working day. This system has also achieved BBA accreditation and is available in a range of colours to suit the project.

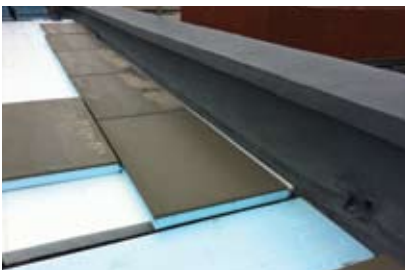


Decadex

Decadex is a water based, copolymer waterproof coating that can be reinforced to increase the tensile properties of the system. It is highly elastomeric, vapour permeable and has a successful track record of over 45 years. The system can be guaranteed for 10 years and is available in a wide variety of colours.

Features:

- Protection against water ingress
- Elastomeric – can withstand thermal movement
- UV stable
- Rapid drying and can be easily applied
- Proven track record
- Sika Liquid Plastics Material Guarantee is available



Case Studies



Project:
Lymm Water Tower - Cheshire

Size:
All Flat Roof Areas

Product:
Decothane



Project:
Media City - Salford

Size:
27,500m²

Product:
Cold Fusion Bonded Built-Up Roof and Inverted Roof Systems



Project:
Chiswick Park - London

Size:
3,000m²

Product:
Inverted Roof System

Case Studies



Project:
Christie Hospital - Manchester

Size:
2,050m²

Product:
Cold Fusion Bonded Built-Up Roof and Inverted Roof System



Project:
Falcon St. Medical Centre - Preston

Size:
1200m²

Product:
Cold Fusion Bonded Built-Up Roof System



Project:
Grange Park School - Sevenoaks

Size:
2,800m²

Product:
Extensive Green Roof System

Sika Full Range Solutions for Construction

Concrete Production



Sika® ViscoCrete®
Sika® Retarder®
Sika® SikaAer®

Waterproofing



Sikaplan® Sikalastic®
Sika® & Tricosal® Waterstops
Sika® Injection Systems

Flooring



Sikafloor®
SikaBond®

Corrosion and Fire Protection



SikaCor®
Sika® Unitherm®

Concrete Repair and Protection



Sika® MonoTop®
Sikagard®
Sikadur®

Structural Strengthening



Sika® CarboDur®
SikaWrap®
Sikadur®

Joint Sealing



Sikaflex®
Sikasil®

Grouting



Sikadur®
SikaGrout®

Roofing



Decothane® Roofing Systems, Decothane® Balcony Systems, Soladex PU for Metal Roofs, Asbestolok® asbestos encapsulation Decaflex Roofing System, Sikalastic® 618 Roofing System



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