



# WATERPROOFING SOLUTIONS FOR BALCONIES, WALKWAYS AND TERRACES

# AN INTRODUCTION TO SIKA'S INNOVATIONS



“A COLD APPLIED LIQUID SOLUTION FOR EVERY JOB,  
NO MATTER THE BUDGET OR COMPLEXITY”

**Quality and innovation are just two of the characteristics replicated throughout Sika Limited – visible in our products, manufacturing processes, and research & development.**

We continue to produce an extensive range of high performance, technologically advanced coatings and membranes for the protection and waterproofing of roofs and balconies. Sika also has a complete range of cold applied built-up roofing systems available, including

warm roofs, inverted roofs, and green roof finishes.

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





# STEP UP FOR AIR QUALITY

Waterproofing systems for balconies, terraces and walkways

**SIKA OFFERS A COMPLETE SOLUTION** for balconies, terraces and walkways in both new build and refurbishment.



## STRESS EXPOSURES OF BALCONIES, TERRACES AND WALKWAYS

Balconies, terraces and walkways are mostly outdoor and like all other parts of a property require maintenance. The outdoor exposures include rain, UV light, heat, hail, snow,

low temperature, and other environmental exposures. Most balconies and walkways consist of concrete elements where, for lack of an efficient protection, those exposures can cause a weakness or even damage.

## KEY ADVANTAGES AND BENEFITS OF SIKA'S LO WATERPROOFING SYSTEMS

### Durability and low life cycle cost due to high quality and performance



Low emissions and low odour



Fire protection test according to EN 13501-1



UV resistant and colour stable



Good wear resistance and good chemical resistance to road salt, chlorides and alkaline cleaners



Tested as waterproofing system according to ETA 005.



Thermal resistance - same performance in high and very low temperatures

# LOW-ODOUR PLUS HIGH PERFORMANCE

Sika's LO waterproofing systems leading the way in the market

Sika is innovative and always customer-oriented, Sika sets the new quality standard for the 1-component polyurethane balcony coatings and will become the future benchmark. The latest product group from Sikafloor® Monoflex LO meets the highest quality requirements and is also almost odourless. The "suffix LO" in the system name stands for low odour.

Thanks to Sika's patented i-Cure® technology, the latest Sikafloor® products cure completely homogenous even under harsh ambient conditions. The new Sikafloor® Monoflex LO products have been developed based on harmless raw materials of the latest generation to provide safe products for applicators and users.



## LOW ODOUR

When refurbishing or repairing balconies and terraces where buildings are inhabited or for application on a new build

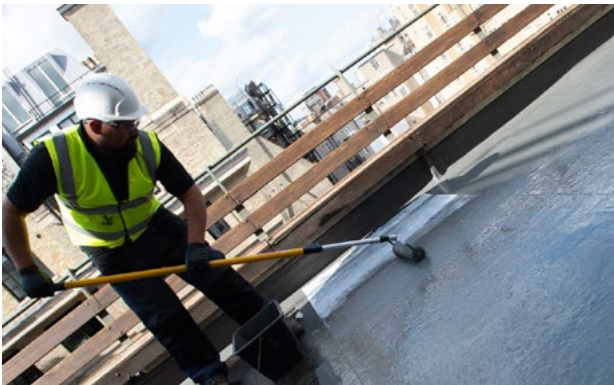
where inhabited buildings are close by, a quick process which provides minimum disruption is the best solution.



## OCCUPATIONAL SAFETY AND HEALTH

By using safe raw materials in the formulation and Sika i-Cure® technology, a clean and

safe product range could be developed. Sika thus protects the professional applicators who install our products every day as high-quality and decorative balcony and terrace coatings.



### Time saving and low installation cost due to ease of application



One component: no mixing work before application



Quick rain resistance and perfect curing under harsh weather conditions thanks to i-Cure® technology



Excellent adhesion on various substrates such as concrete, existing tiles, old coatings, etc.



Application under low temperature is possible



Quick application for minimum downtime. Accelerated hardening if required using Sika® PU Accelerator

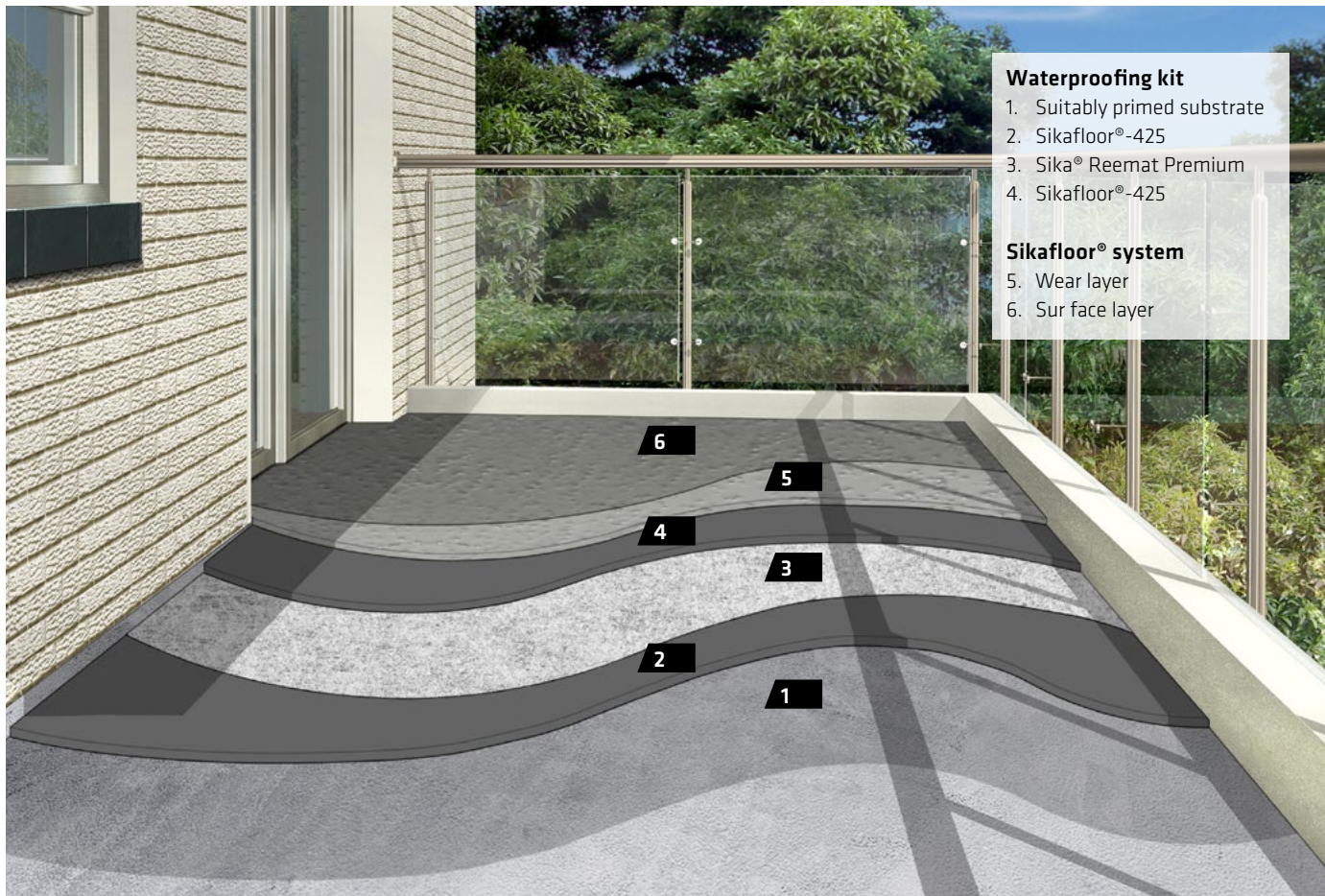


Decorative and aesthetic coating with a wide range of colours



# LOW ODOUR WATERPROOFING SYSTEMS

**Sikafloor® MonoFlex LO SYSTEMS** can be installed with a special waterproofing barrier below as a base coat for the subsequent wear coats and surface finishes.



## DESIGN FREEDOM

### Colour options

Sikafloor®-420 available in a range of colours  
\*subject to minimum order quantity for special colours.

### Surface options

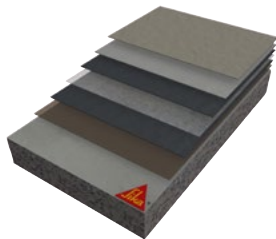
Depending on the project requirements different combinations of numbers of layers, thicknesses, different broadcasting materials and surfaces from smooth to textured are possible



# LOW-ODOUR RANGE



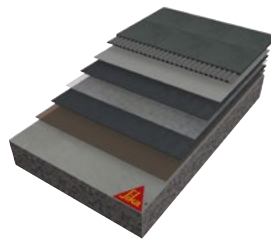
## Sikafloor® Monoflex MB-54 LO



System build up:

- Sikafloor®-420
- Sikafloor®-420 broadcast in excess with suitable aggregate
- Sikafloor®-425
- Sika® Reemat Premium,
- Sikafloor®-425
- Suitably primed substrate

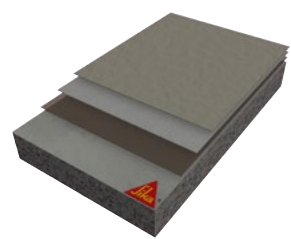
## Sikafloor® Monoflex MB-50 WPT



System build up:

- Sikafloor®-420
- Sikafloor®-420 broadcast in excess with suitable aggregate
- Sikafloor®-425
- Sika® Reemat Premium
- Sikafloor®-425
- Suitably primed substrate

## Sikafloor® Monoflex MB-25 LO



System build up:

- Sikafloor®-420
- Aggregate broadcast
- Sikafloor®-420

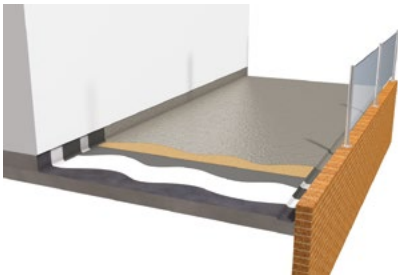


# Sikalastic® Rapid RANGE

The Sikalastic Rapid range has been developed to be used in situations where the contractor's access to the area may be restricted, and a fast application is desirable. A typical scenario may be a communal walkway or stairwell within a housing block, frequently seen in urban areas, where residents require access to their home within an acceptable time period.



## SIKALASTIC® RAPID TRAFFICABLE (WEARING)

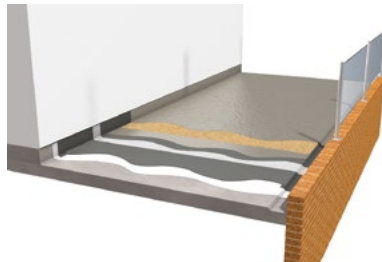


System build up:

- Sikalastic® Rapid Pigmented Sealer
- Sikalastic® Rapid Aggregate
- Sikalastic® Rapid Levelling Mortar (detail areas)
- Sikalastic® Rapid-721 Thixo and Sikalastic® Rapid Fleece 110
- Substrate\*

\*Prime as required

## SIKALASTIC® RAPID TRAFFICABLE (WATERPROOFING & WEARING)

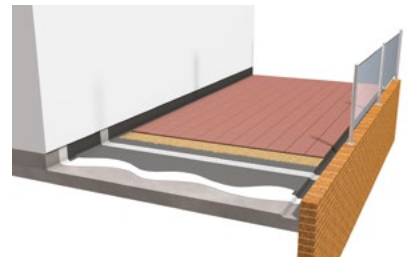


System build up:

- Sikalastic® Rapid Pigmented Sealer
- Sikalastic® Rapid Aggregate
- Sikalastic® Rapid Levelling Mortar
- Sikalastic® Rapid-721 and Sikalastic® Rapid Fleece 110 (detail areas)
- Sikalastic® Rapid-721 Thixo and Sikalastic® Rapid Fleece 110
- Substrate\*

\*Prime as required

## SIKALASTIC® RAPID TRAFFICABLE (WATERPROOFING & BURIED)



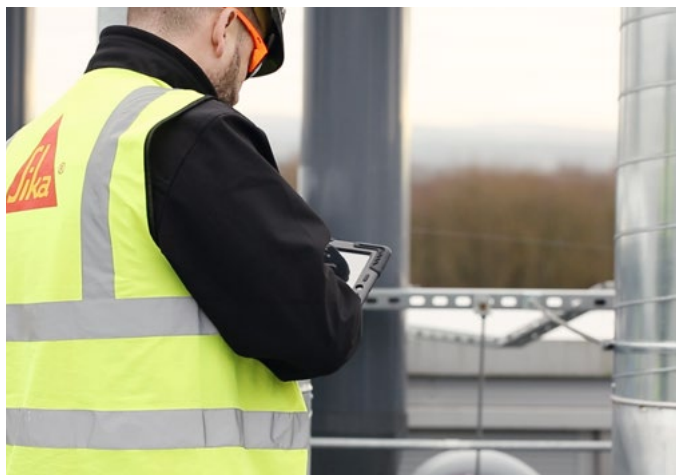
System build up:

- Tiles
- Sikalastic® Rapid Aggregate
- Sikalastic® Rapid-721
- Sikalastic® Rapid-721 and Sikalastic® Rapid Fleece 110 (detail areas)
- Sikalastic® Rapid-721 Thixo and Sikalastic® Rapid Fleece 110
- Substrate\*

\*Prime as required

SIKALASTIC®  
**RAPID**

# TRAINING COURSES FOR ROOFING CONTRACTORS



**Sika offers a range of training courses to ensure that contractors who apply our products provide quality workmanship. All courses are conducted by one of the Sika Roofing Applications team in the purpose-built Training Academies at our Preston and Welwyn Garden City offices.**

## CONTRACTOR TRAINING FOR SIKA LIQUID PLASTICS APPLICATOR TRAINING

The training course, designed exclusively for our Certified and Verified Contractors, focuses on the correct application and installation techniques for installing Sika Liquid Plastics Roofing Systems.

The two day training course is designed to ensure that the Contractors understand the requirements of working on Sika-Liquid Plastics' roofing systems, combining a mixture of theory, demonstrations, chat, videos and practical application work. All trainees finish with a theory based test, to ensure that the contractors have listened and learnt throughout the two days. Comprehensive information is provided after the course to allow trainees to concentrate on practical elements.

## BASIC COMPETENCY PROGRAMME (BCP)

Sika Liquid Plastics' training course called the 'Basic Competency Programme (BCP)' has been developed as a roofing industry initiative and is led by the Liquid Roofing and Waterproofing Association (LRWA). This is the first time that manufacturers' training has been officially recognised and has been seen to satisfy the requirements of a red, experienced worker Construction Skills Certification Scheme (CSCS) card.



There are currently 600,000 contractors in the UK who are believed to have the wrong CSCS card for the skill level of the job that they do, therefore the BCP is a major initiative to address the problem. This is a quick, easy and cost effective way to get trained and access the correct colour CSCS card. The course is delivered by Sika's Application team at our Training Academy in Preston.

The programme is aimed at experienced operatives with a minimum of two years' experience on site. Having obtained a BCP Certificate an operative can then apply to upgrade from a green card to a red, experienced worker CSCS card, with immediate effect assuming their standard health and safety accreditation is up to date. The operative should then work towards achieving a blue skilled worker card within three years.

### The course includes:

Two days Sika Liquid Plastics product training and one day BCP content which covers:









- Health & Safety
- Roof Construction
- Design of Flat Roofs
- Contract Planning
- Types of Liquid Applied Systems

## INTRODUCTION TO SIKA LIQUID PLASTICS

The seminar, designed exclusively for our Certified and Verified Contractors, is intended to cover the background, administration requirements and our support services, also highlighting technical aspects of working with Sika Liquid Plastics, including wind loading. We will also cover site practices related to our liquid applied roofing products, and offer practical advice, particularly relevant to estimating, design, ordering and site management.



# GUARANTEE OFFERINGS

			
<b>Standard Cover Options</b>			
Sika Liquid Plastics Materials	✓	✓	✓
Standard Details	✓	✓	-
Workmanship (cover by Installing Contractor)	✓	✓	-
Liability	✓ (Decothane £500k and Sikalastic® £250k, limited to contract value)	✓ (£250k)	(See Guarantee)
Direct Consequential Loss Cover	✓ (See Guarantee)	✓ (See Guarantee)	(See Guarantee)
Public & Products Liability Insurance Cover	✓	✓	✓
IBG (Insurance Backed Guarantee)	#	#	#
<b>Extended Cover Benefits</b>			
Bespoke Specification (& Condition Report, where applicable)	✓	✓	-
Project Specific Wind Uplift Calculation	✓	✓	-
Thermal Calculations & Condensation Risk Analysis (DecoTherm Insulation)	✓	✓	-
Bespoke Details	✓	-	-
Professional Indemnity (PI) Insurance Cover	✓	✓	-
Site Inspections (Interim & Final Sign off)	✓	✓	-
Installation Certificate* (insolvent contractors, errors in inspections or design)	✓ (See Guarantee)	-	-
<b>Product Ranges available for each Guarantee Offering</b>			
	<b>Decothane</b> Decothane Decothane Ultra Decothane Root Resistant <b>Sikalastic®</b> Sikalastic®-625N Sikalastic® Rapid Sikalastic® STP (650)	<b>Decothane</b> Decothane Decothane Ultra Decothane Root Resistant <b>Sikalastic®</b> Sikalastic®-625N Sikalastic® Rapid Sikalastic® STP (650) <b>Sika Pro-Tecta</b> Sika Pro-Tecta WP	<b>Decothane</b> **Decothane **Decothane Ultra **Decothane Root Resistant <b>Sikalastic®</b> Sikalastic®-625N Sikalastic® Rapid Sikalastic® STP (650) <b>Sika Pro-Tecta</b> Sika Pro-Tecta CE Sika Pro-Tecta WP
<b>Sika Liquid Plastics Contractor Programme</b>			
			
			

\* Should the Sika Certified Roofing Contractor cease trading, Sika Limited will cover defects in the installation of the Materials due to workmanship or the advice/recommendation given in the Specification.

\*\* When installed by Sika Certified Roofing Contractor or Verified Contractors.

# Optional by others - Independent Insurance to cover Contractor Insolvency is also available through FCA approved Insurers, not Sika Limited.

# SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



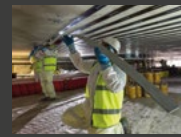
BITUMINOUS ROOFING



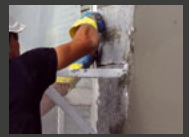
CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



BUILDING FINISHING



WATERPROOFING



JOINT SEALING



FACADE STRUCTURAL ADHESIVES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST



## 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 has 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 100 countries around the world and manufactures in over 300 factories. With more than 25,000 employees Sika generates annual sales of CHF 8.1 billion (£6.6 bn). 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, Wishaw and Dublin with more than 1000 employees and a turnover of more than £270 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](http://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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Liquid Plastics

