



**RANGE**

**COLD LIQUID APPLIED PMMA SYSTEM**





# RAPID CURE TIME



RapidRoof is LRS' unique PMMA, high performance, rapid curing, cold liquid applied waterproofing system. With a typical cure time of 20 minutes, RapidRoof is suitable for year round application. Applied by brush or roller, RapidRoof is one of the fastest and most cost effective waterproofing options for both commercial and residential projects.

With over 200% elasticity RapidRoof is tough, yet flexible enough to deal with most roof movement, unlike rigid systems. The RapidRoof range comes with our manufacturers product guarantee of 10 years as standard.

RapidRoof is ideal for commercial and residential projects and is available with an Anti-Skid finish for designated walkways and balconies. It comes in grey as standard or black if required (please call for other colour requirements, subject to minimum order quantity).

RapidRoof is a 2-component system which is simple to apply due to its liquid application and versatility to adhere to most surfaces, RapidRoof will self terminate, in most cases eliminating the requirement for flashings, new trims, and expensive detailing.

RapidRoof is designed to cure down to 0°C, which means it can be applied throughout the year.



RapidRoof Pro, a PMMA system which has the same benefits provided by standard RapidRoof, however, by incorporating a reinforcement matting, provides extended guarantees of up to 20 years.

Available exclusively to LRS approved installers, RapidRoof Pro is backed by a BDA and is NHBC accepted. Available in grey (RAL 7031) as standard or black as an option (other colours are available on request, subject to minimum orders).

RapidRoof Pro is suitable for new-build and refurbishment projects and is suitable for OSB3 roofing boards, mineral felt, asphalt, concrete, warm roofs, metal, fibre glass / GRP and compatible with standard GRP trims.

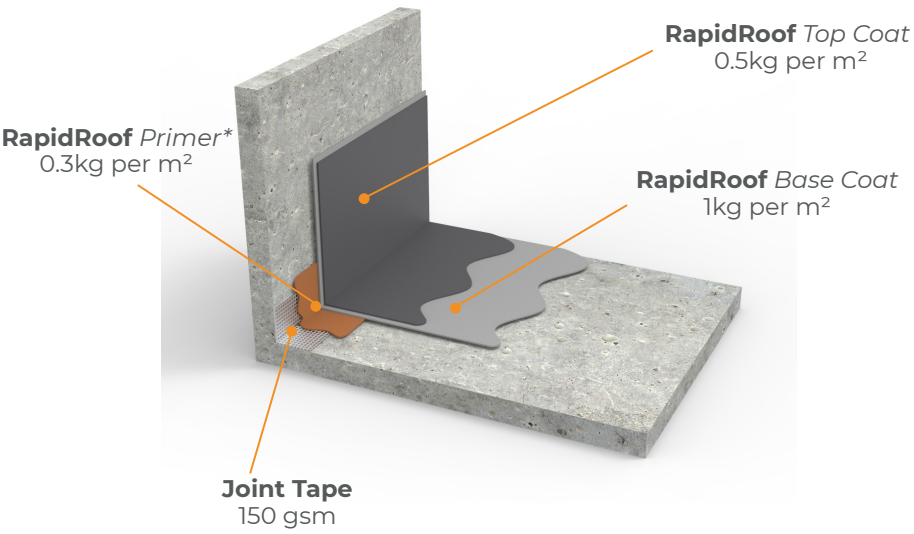
To become an approved installer, gain access to our RapidRoof Pro system and extended 20 year guarantee, you must complete our in-house training course with one of our training specialists. Speak to one of our team today on 01948 841 877 to find out more.







## 10 YEAR RAPIDROOF PRO BUILD-UP



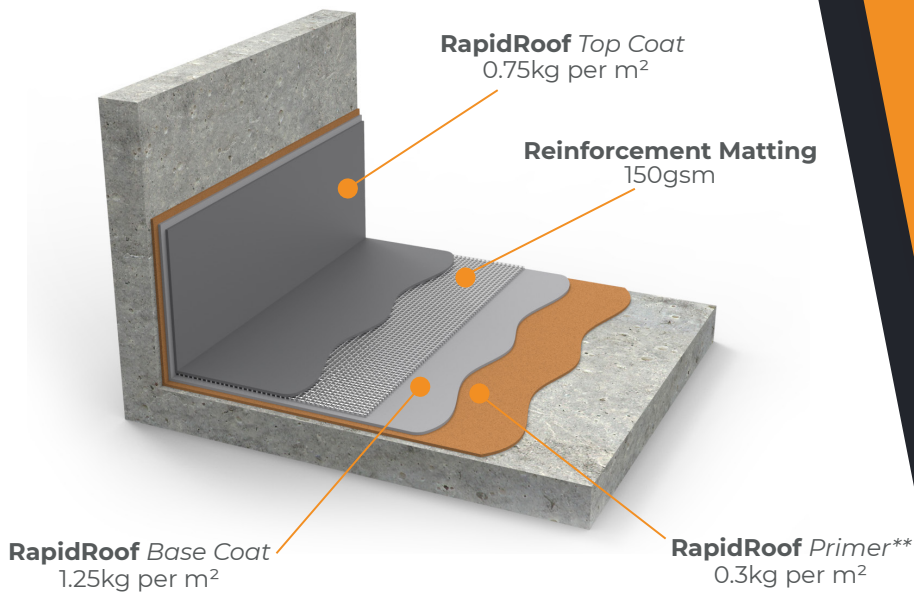
\*Primer required on some surfaces



**CURES DOWN  
TO 0°C**

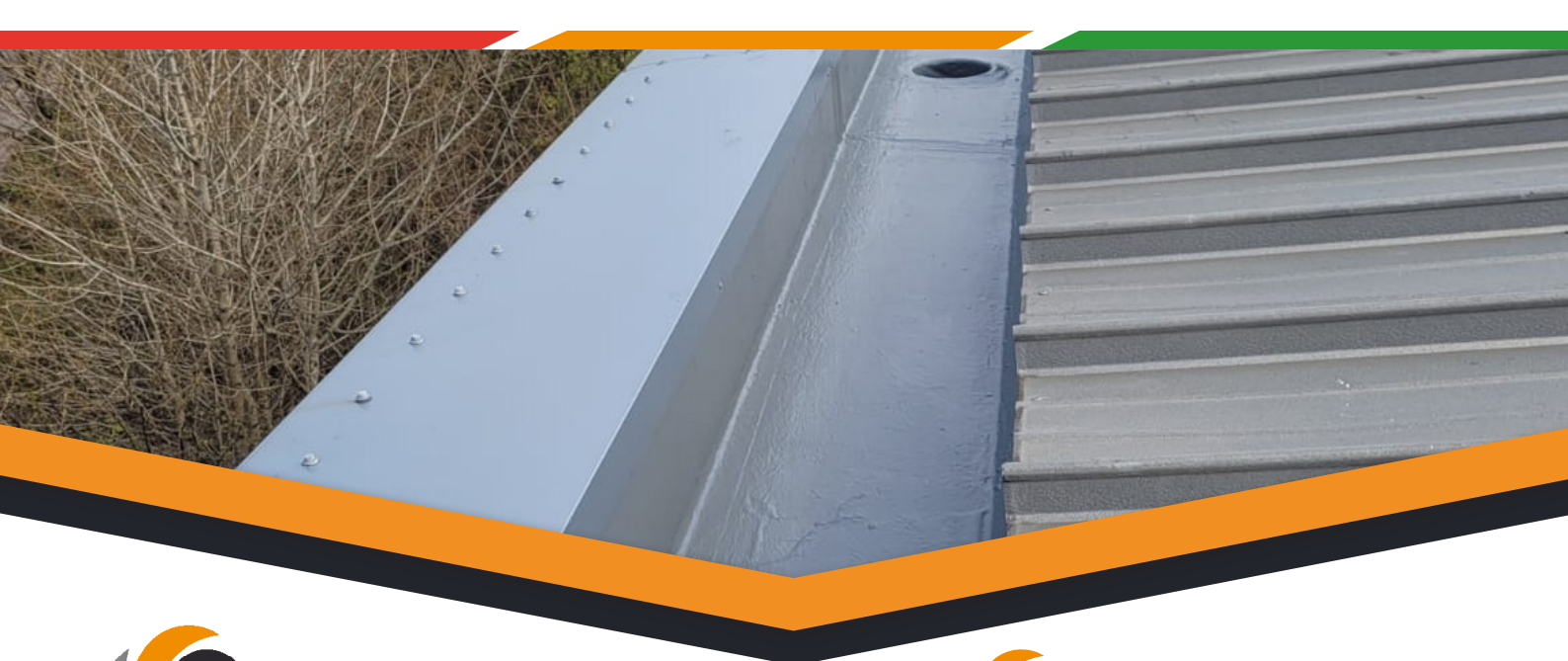


## 20 YEAR RAPIDROOF PRO BUILD-UP



\*\*Primer required on all surfaces





Based on our RapidRoof formulation, RapidGutter is a fast curing, cold liquid applied PMMA. A tough and durable system that is suitable for high risk, leak areas, such as gutter coatings.

Applied by brush or roller, with a typical cure time of 20 minutes, RapidGutter is one of the fastest and most cost effective gutter waterproofing solutions. Suitable for both commercial and residential projects.

With over 200% elasticity RapidGutter is tough, yet flexible enough to deal with most roof movement, unlike rigid systems. RapidGutter is designed to be applied directly onto most surfaces without the need for primer.

With continued exposure to flowing and standing water, gutters are one of the biggest causes of failed roof systems. Given that RapidGutter is cold liquid applied, it provides a flexible solution to all gutter shapes and sizes.

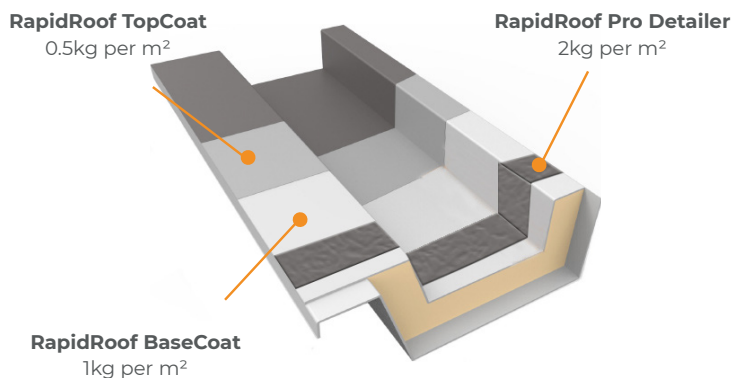
RapidGutter is a 2-component, simple to apply system, due to its liquid application and versatility to adhere to most surfaces.

RapidGutter incorporates our RapidRoof Pro Detailer which benefits from the addition of pre-mixed fibres which provide additional strength. It is applied at a rate of 2kg per m<sup>2</sup>, 3kg = 10 joints at 1m x 0.15m.

RapidGutter is designed to cure down to 0°C, which allows year round application.



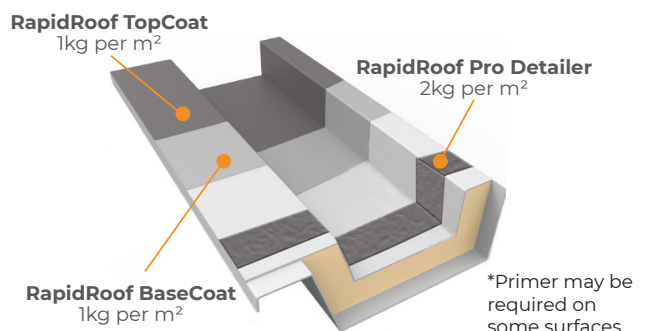
### 10 YEAR RAPIDGUTTER PRO BUILD-UP



\*Primer may be required on some surfaces

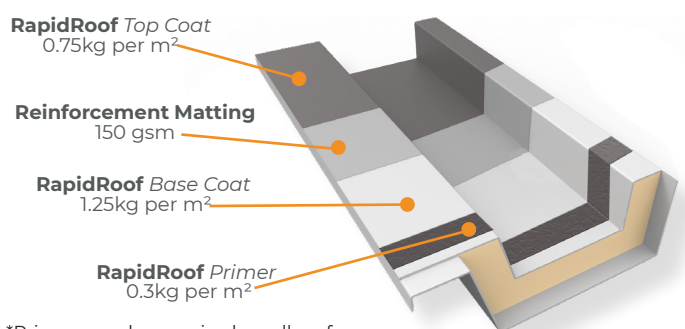


### 15 YEAR RAPIDGUTTER PRO BUILD-UP



\*Primer may be required on some surfaces

### 20 YEAR RAPIDGUTTER PRO BUILD-UP



\*Primer may be required on all surfaces





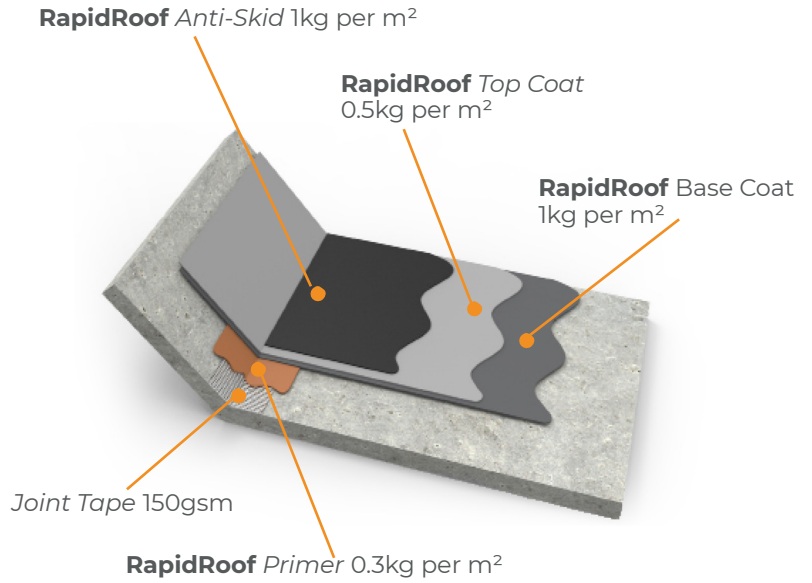
RapidDeck is LRS' unique, high performance, rapid curing, cold liquid applied PMMA flooring system. Designed specifically to coat areas with high volume foot traffic, RapidDeck is robust, yet flexible.

RapidDeck provides all the features of RapidRoof with the added benefits of an exceptionally hard wearing Anti-Skid, designed to protect the substrate whilst simultaneously reducing the risk of skidding. RapidDeck is designed to be durable enough to withstand both heavy foot traffic and exposed conditions including footpaths, balconies, terraces, and factory floors.

A rapid curing floor solution for both domestic and commercial applications, designed for the toughest environments, RapidDeck is guaranteed for upto 20 years.



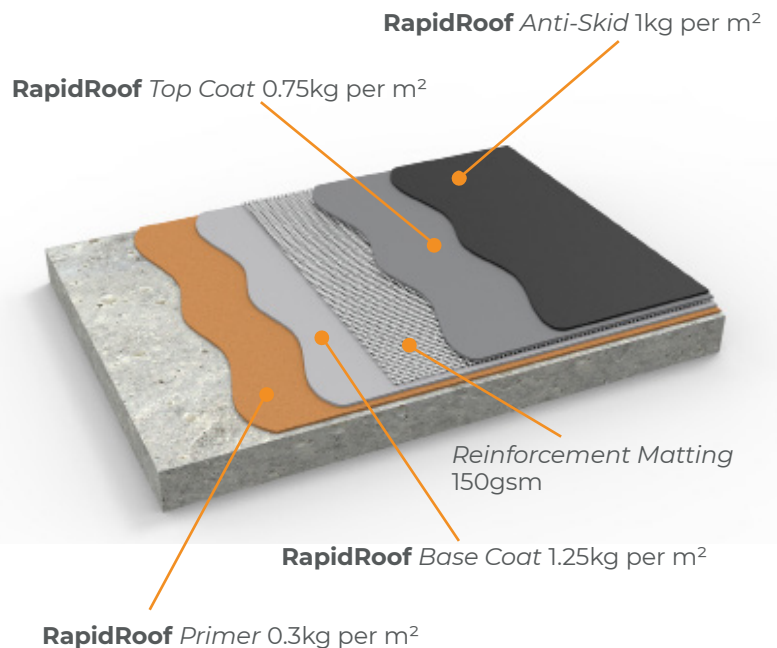
### 10 YEAR RAPIDDECK BUILD-UP



\*Primer required on some surfaces



### 20 YEAR RAPIDDECK BUILD-UP



\*Primer required on all surfaces

# REPAIR SYSTEMS



RapidRoof Crack and Joint Filler is a 3-component resin mortar, designed for rapid and permanent repairs.

Crack and Joint Filler is the fast curing, high strength, trowel applied part of the RapidRoof system which delivers excellent adhesion, good chemical resistance, and fast curing properties, even at low temperatures.

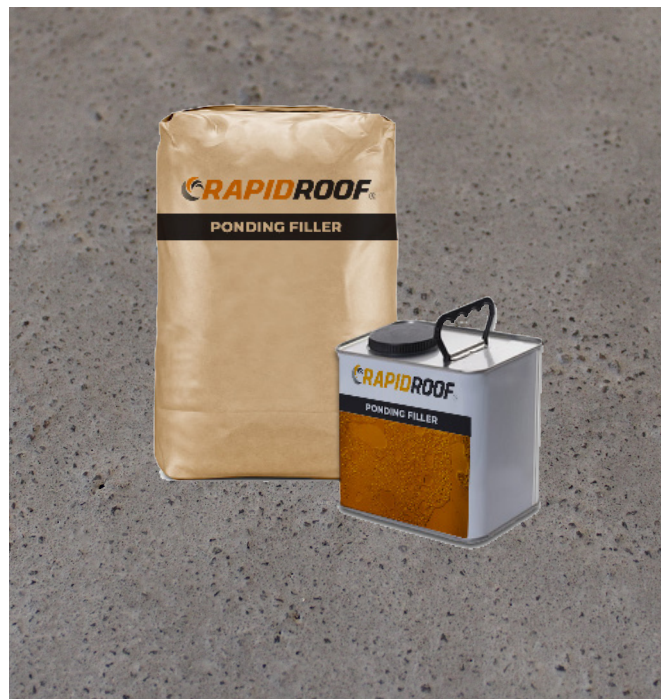
\*Surface should be primed with RapidRoof Primer.



RapidRoof Ponding Filler is a 2-component resin mortar, designed for rapid and permanent repairs for areas of ponding water.

Ponding Filler is a high strength, fast curing, impact and abrasion resistant part of the RapidRoof system and has excellent mechanical properties, good chemical resistance, and frost resistance which is impervious to water. Used to fill ponded areas by pouring onto the primed floor and trowel finished.

\*Surface should be primed with RapidRoof Primer







# **RAPIDROOF PRO DETAILER**

RapidRoof Pro Detailer is a 2-component resin which is designed to provide waterproofing for upstands, pipes, and hard to reach detailed areas that are difficult to reinforce.

RapidRoof Pro Detailer benefits from the same great features of RapidRoof including its cure time, durability, and flexibility, with the additional benefit that it contains premixed fibres which provides additional strength and allows for secure detailing of difficult areas.

RapidRoof Pro Detailer can be applied in a single coat and is suitable for application onto most surfaces as it has exceptional adhesion properties.

Simple to apply and robust enough to deal with most roof detailing, RapidRoof Pro Detailer is the ideal product to help with difficult detailing areas.



# TECHNICAL DATA SHEET



## USES:

RapidRoof is designed so that it can be applied directly onto most surfaces without the need for primer. This means that it can be incorporated into the building of a new roof; applied onto OSB3 boards.

Alternatively, RapidRoof can be used to overcoat existing old or failed membranes including; felt, asphalt, metal, GRP etc, eliminating the need for stripping the roof and disturbing the substrate, saving time and money whilst limiting disruption on site.

## MIXING THE CATALYST:

It is advised that all products are mixed using a paddle mixer where available, or with similar apparatus. All products must be mixed thoroughly to ensure even curing.

Typically, 1 minute of mixing is sufficient. All products within the RapidRoof range are 2-part, base product and catalyst. Once catalysed (catalyst mixed into the base product) you will have upto 20 minutes in which to apply the product to the required area or application.

It is advised to decant only the amount of product that can be applied within 10 minutes to avoid unnecessary wastage and avoid any shortage of the product. When applying the product, it is advisable to pour directly onto the surface to avoid any accelerated curing that can occur from excess heat generated within the tin by the catalysing process.

## CATALYST RATIO:

Equates to 2% of the main product, 20g of catalyst to every 1kg of product.



PRODUCT VOLUME	CATALYST
1kg	20g
5kg	100g
10kg	200g

PHYSICAL PROPERTIES & SPECIFICATIONS	
Colour:	Grey or Black
Ral:	7031
Flash point:	10°C
Ignition temp:	275°C
Elongation:	200%
Dry time:	Approx. 20 mins
Surface temp:	0°C - 35°C
Vapor pressure at 20°C:	38.7 hPa
Density at 20°C:	1.6g / cm <sup>3</sup>

**\*READ SAFETY DATA SHEETS BEFORE USING THIS PRODUCT\***



TECHNICAL STATISTICS	
Dry film thickness:	1.5mm - 2mm
Application rate:	1.5kg / 2kg m <sup>2</sup>
Cure time:	20 minutes
Fire test:	BROOF (t4)
Application temperature:	0°C - 35°C (surface)
Specific gravity:	1.65g / cm <sup>3</sup>
Load Strength:	150N
Elongation:	200%

SUITABLE SURFACES (Detailing Primer required)		
		
Concrete	Fully prime ✓	Fully prime ✓
Mineral felt	Prime joints ✓	Fully prime ✓
Asphalt	Prime joints ✓	Fully prime ✓
OSB3	Prime joints ✓	Fully prime ✓
Metal	Prime joints ✓	Fully prime ✓
Fibre glass / GRP	Prime joints ✓	Fully prime ✓
Single ply	Fully prime ✓	Fully prime ✓
**Foil faced carrier membrane	Fully prime ✓	Fully prime ✓

PRODUCT RANGE TABLE			
PRODUCT	SIZE	CODE	COLOUR
RapidRoof Primer	1.5kg	RRGP1.5	Clear
RapidRoof Primer	3kg	RRGP3	Clear
RapidRoof Primer	5kg	RRGP5	Clear
Waterproof	7.5kg	Grey/Black	RRWP7.5/RRWPB7.5
Waterproof	15kg	Grey/Black/Anthracite	RRWP15/RRWPB15/RRWPA15
Anti-Skid	5kg	Grey/Black	RRAS5/RRASB5
Anti-Skid	10kg	Grey/Black	RRAS10/RRASB10
Joint Tape	100mm x 25m	White	RRJT100
Joint Tape	100mm x 180m	White	RRJT100L
Reinforcement Matting	1m x 25m	White	RRJTIX25150
Reinforcement Matting	1m x 180m	White	RRJTIX180150
Waterproof Kit	5m <sup>2</sup>	Grey	RRWPO5KIT
Waterproof Kit	10m <sup>2</sup>	Grey	RRWP10KIT
Waterproof Kit	20m <sup>2</sup>	Grey	RRWP20KIT
Balcony Kit	5m <sup>2</sup>	Grey	RRWPAS05KIT
Balcony Kit	10m <sup>2</sup>	Grey	RRWPAS10KIT
Balcony Kit	20m <sup>2</sup>	Grey	RRWPAS20KIT
Ponding Filter Kit	17kg	Grey	RRPF17
Crack + Joint Filler	10kg	White	RRCJF10
Pro Detailer	3kg	Grey	RRPROD3
Pro Detailer	5kg	Grey	RRPROD5
Catalyst	300g	White	RRC15

\*\*Foil carrier membrane Elotene DSN600



# TRAINING

## BECOME AN LRS APPROVED INSTALLER

As a member of LRWA and accepted by the NFRC, we are passionate about waterproofing standards and ensuring contractors are fully trained on our systems so that projects are completed quickly and effectively.

Whilst our systems are designed to be comprehensive to apply and do not require application by an approved installer, in order to get the best performance and benefit from extended guarantees we offer approved installer status on all our systems.

## APPROVED INSTALLER STATUS

LRS deliver approved installer training schemes on all our systems. We offer installers full support and entry onto a preferred contractor list. As an approved installer you will receive exclusive access to our Pro systems across all our ranges including RapidRoof Pro, RapidGutter Pro, RapidDeck Pro, FastCoat Pro and Elasto-Kote Pro. These are the third-party accredited systems which offer BBA, BDA, FM, and NHBC accepted applications for New Build.

## 1 DAY TRAINING COURSE

Our approved installer training is a comprehensive 1-day programme which is highly recommended for both experienced liquid applicators and contractors new to liquid applied systems, as it provides valuable time saving tips and essential techniques.

# TECHNICAL

At the heart of everything that LRS does is our dedication to product performance and technical excellence. We believe that liquid waterproofing provides the best solution for commercial and residential roofs, gutters, and car parks.

We are dedicated to continually improving the quality of our products and services. Our technical team, supported by field based technical managers provide site specific specifications, telephone, and onsite support.

Our downloadable product data sheets, application guides, and certifications can be found on our website [www.lrs-systems.co.uk](http://www.lrs-systems.co.uk).

For further information about specific technical data or site specific specifications contact our technical team who will be happy to assist on **01948 841 877** or email [technical@lrs-systems.co.uk](mailto:technical@lrs-systems.co.uk).



# BECOME AN APPROVED INSTALLER







## GUARANTEES AND TESTING




Our systems are tested to the highest standards to ensure they are fit for purpose and deliver exceptional performance.

We only manufacture and distribute high performance materials and as such all our systems come with a 10 year guarantee as standard, with our pro ranges offering extended guarantees of up to 25 years.

Our products are third party accredited including BBA, BDA, and Factory Mutual. Our production processes are externally audited to ensure complete quality control.

We continually test our products to the latest standards and whilst our testing certificates are available on our website our technical team are on hand to deal with specific test enquiries.

For further information visit [www.lrs-systems.co.uk](http://www.lrs-systems.co.uk) or call our team on **01948 841 877**.


PRODUCT GUARANTEES BREAKDOWN	
	10 year guarantee
	Up to 20 year guarantee
	10 year guarantee
	Up to 20 year guarantee
	10 year guarantee
	Up to 20 year guarantee
	10 year guarantee
	10 year guarantee
	Up to 25 year guarantee
ELASTO-KOTE.	10 year guarantee
ELASTO-KOTE <b>PRO</b> .	Up to 20 year guarantee




## LIQUID ROOFING SYSTEMS LTD


 Roofing House, Prees Green, Whitchurch, SY13 2BN

 01948 841 877

 [enquiries@lrs-systems.co.uk](mailto:enquiries@lrs-systems.co.uk)

 [www.lrs-systems.co.uk](http://www.lrs-systems.co.uk)

 @liquidroofingsystems

 @liquidroofingsystems

 @liquidroofingsystems

 @liquidroofingsystems

**Visit our  
website**



April 2024