



**SEAMLESS  
WATERPROOFING  
SOLUTIONS**

# ***RAPIDROOF* RANGE BROCHURE**

**LIQUID ROOFING SYSTEMS**



# RAPID CURE TIME



RapidRoof is LRS' unique PMMA, high performance, rapid curing, cold liquid applied range of waterproofing range. With a typical curing time of 20 minutes our Rapid Range of products are 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 manufacture's product guarantee of up to 20 years, is UV stable and typically cures within 20 minutes.

RapidRoof is ideal for domestic projects or small industrial roofs and is available with an Anti-Skid finish for designated walkways, balconies or as a standalone waterproofing system, in grey as standard or black if required (please call for other colour requirements, subject to minimum orders).

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 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.

RapidRoof is a 2-component system which is simple to apply and 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.



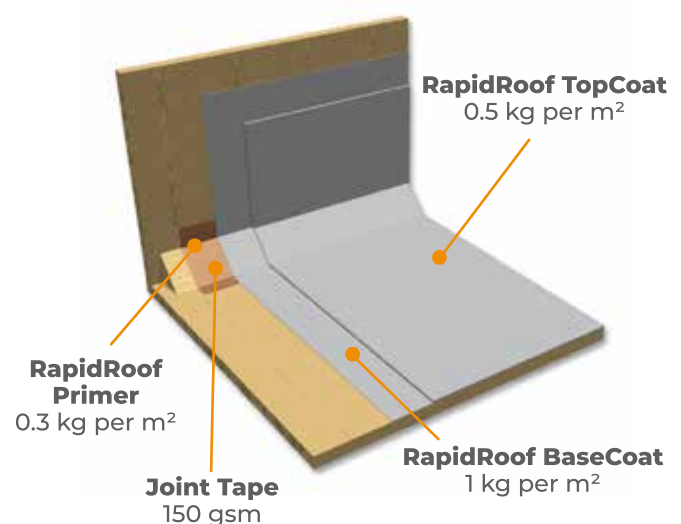
It's fully bonded application prevents tracking of water and its seamless finish eliminates the risk inherent in jointed systems.

Unlike most liquid applied systems, RapidRoof is designed to be applied without a reinforcement carrier which makes it more simple, faster and less complicated to apply, creating a smoother finish without voids or tenting.

Cold weather application - designed to cure down to 0°C RapidRoof allows application even during the coldest of weather.

Suitable for application on to: OSB3 Roofing Boards, Old Felt, Asphalt, Concrete, Metal, Old Fibre Glass and compatible with standard GRP trims.

## TYPICAL RAPIDROOF BUILD-UP



\*Primer maybe required on some surfaces

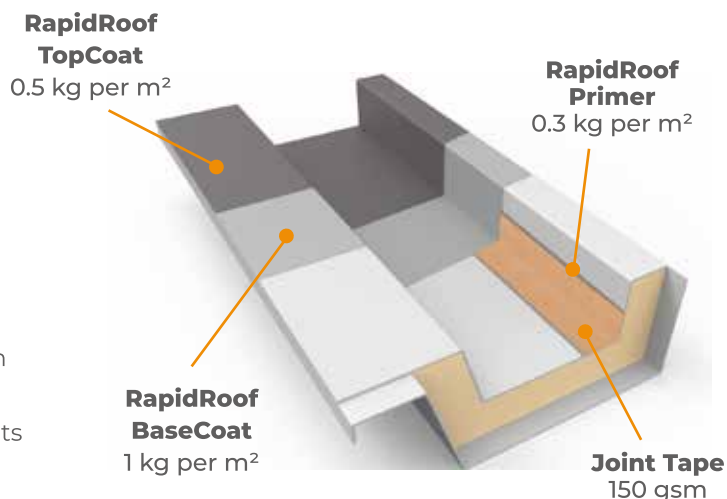




With continued exposure to flowing and standing water, gutters are one of the biggest causes of failed roof systems. Given that RapidGutter is cold liquid applied, it provides a flexible solution to all gutter shapes and sizes.

Its rapid application and fast curing features reduce the chance of wash off during application - the system is typically showerproof in 20 minutes. Its high level of flexibility allows for normal structural movement and its tough finish provides long lasting waterproofing, eliminating the costly and disruptive exercise of replacing or continual patch repairing. RapidGutter is a long-term gutter recoating solution with guarantee options of up to 15 years.

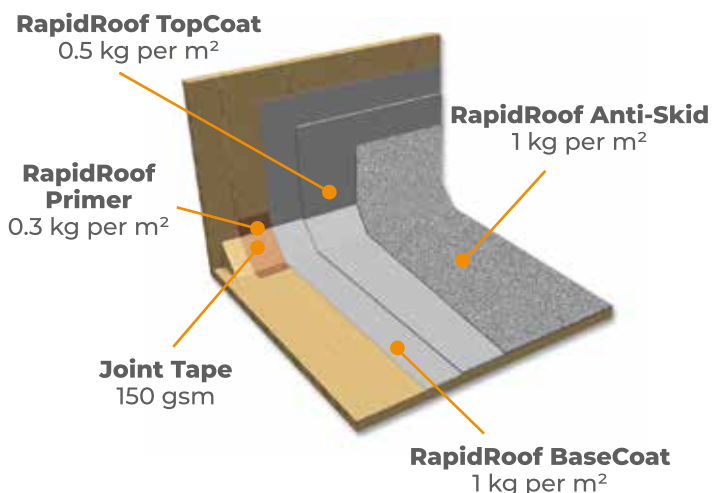
#### TYPICAL RAPIDGUTTER BUILD-UP



Premixed with an anti-skid aggregate, RapidDeck provides all the features of RapidRoof with the added benefits of an exceptionally hard wearing topcoat designed to protect the substrate whilst simultaneously reducing the risk of skidding. With a variety of finishes available this range includes protection for all types of trafficked surfaces including footpaths, car parks, ramps, balconies, terraces and factory floors.

A rapid curing flooring solution for both domestic and commercial applications, designed for the toughest environments RapidDeck is guaranteed for up to 10 years.

#### TYPICAL RAPIDDECK BUILD-UP



\*Primer required on concrete surfaces





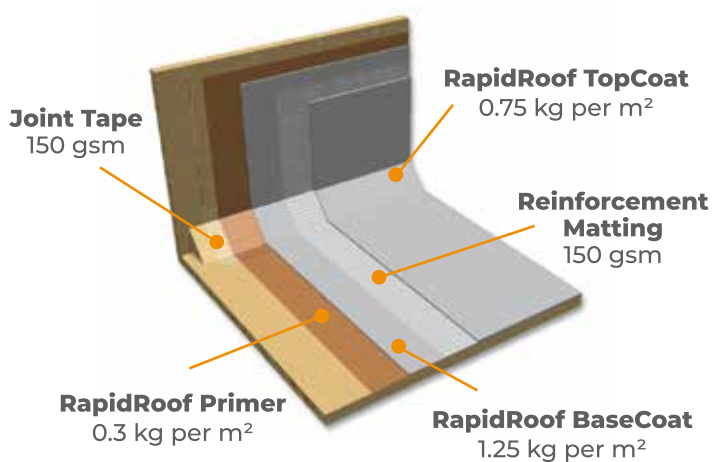
RapidRoof Pro is our highest specification product which has all the same benefits provided by standard RapidRoof but by incorporating a reinforcement matting provides extended guarantees of upto 20 years.

Available exclusively to LRS approved contractors, RapidRoof Pro is backed by a BDA and is NHBC accepted making it ideal for new build construction when speed of application and curing times are important.

Available in grey (RAL 7031) as standard & black an option.  
Other colours available on request.  
(Subject to minimum orders).

Suitable for application on to: OSB3 Roofing Boards, Old Felt, Asphalt, Concrete, Metal, Old Fibre Glass and compatible with standard GRP trims.

#### TYPICAL RAPIDROOF PRO BUILD-UP



Our Pro range is designed to offer complete peace of mind, available exclusively through our approved contractor network. For more information on the LRS Pro range and the additional benefits provided to our approved contractor network, or to become an LRS approved contractor please see page 18 or call our offices on **01948 841 877**

**CURES DOWN  
TO 0°C**

# RAPIDROOF WATERPROOF & ANTI-SKID TDS



## TECHNICAL DATA SHEET

### DESCRIPTION:

RapidRoof is LRS' unique PMMA, high performance, rapid curing, cold liquid applied range of waterproofing. With a typical curing time of 20 minutes our Rapid Range of products are 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.

### 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 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.

### APPLICATION:

Once the surface is cleaned and fully prepared RapidRoof can be applied using a brush or short piled roller. Application surface temperatures must be between 0°C and 40°C. RapidRoof should always be applied in 2 coats. All joints / vulnerable areas need to be reinforced using LRS detailing Primer and LRS Joint Tape. Once cured apply 2 coats of RapidRoof.

### ROLLER / BRUSH APPLICATION:

Apply using a 4" rad roller for detail work along with a 25mm brush for stabbing in all Joint Tape to ensure it is tight to the surface, leaving a creases or fish mouths. Once detail work is complete a 9" roller can be used to complete the main roof area when applying the RapidRoof.

## PHYSICAL PROPERTIES & SPECIFICATIONS

**COLOUR - Grey or Black**

**RAL - 7031**

**FLASH POINT - 10°C**

**IGNITION TEMP - 275°C**

**ELONGATION - 200%**

**CURE TIME - Approx. 20 mins**

**SURFACE TEMP - 0°C - 40°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**

# RAPIDROOF WATERPROOF & ANTI-SKID TDS



## COVERAGE RATES:

LRS Detailing Primer needs to be applied at a coverage rate of 0.3kg per m<sup>2</sup> and allowed to fully cure, typically around 20 minutes depending on weather conditions. First coat of RapidRoof is applied at a coverage rate of 1kg per m<sup>2</sup> which typically cures around 20 minutes. Once cured the second coat of RapidRoof is applied at a coverage rate of 0.5kg per m<sup>2</sup>, again cures in approx. 20 minutes. Anti-Skid is applied at a coverage rate of 1kg per m<sup>2</sup>. LRS recommends leaving each coat approx. 1 hours to ensure the coat is completely dry.

## MIXING THE CATALYST:

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

Typically, 1 minute of mixing is sufficient. All products within the RapidRoof range are two-part, base product and catalyst. Once catalyzed (catalyst mixed into the base product) you will have up to 20 minutes in which to apply the product to the required area or application. It is advised to always decant only the amount of product that can be applied within 10 minutes to avoid unnecessary wastage and avoid shortage of 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.

## PACKAGING:

**DETAILING PRIMER** – 1.5kg, 3kg, 5kg

**RAPIDROOF WATERPROOF** - 5kg, 7.5kg, 10kg

**ANTI-SKID** – 5kg, 10kg

**JOINT TAPE** – 100mm x 25lm 100mm x 180m

## CAUTION:

Do not use near open flame. Avoid breathing in fumes and prolonged contact with skin. Do not take internally. If swallowed, do not induce vomiting. Call a doctor immediately. Keep out of reach of children. Coating must be dry before exposure to water. Store in a heated room and keep container covered when not in use. Do not thin. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying.

## 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

**Read Safety Data Sheets before using this product**



## BENEFITS



**Circa 20 Minute Cure**



**Cures down to 0°C**



**Fully Flexible**



**Tough**



**Seamless**





**Fully Bonded**

### TECHNICAL STATISTICS

Dry film thickness:	1.5mm - 2mm
Application rate:	1.5kg /2kg m <sup>2</sup>
Cure time:	20 minutes
Fire test:	AC
Application temperature:	0°C - 40°C
Specific gravity:	1.65g/cm <sup>3</sup>
Load Strength:	150N
Elongation:	200%

### SUITABLE SURFACES (Detailing Primer required)

		
Concrete	Fully prime ✓	Fully prime ✓
Old Felt	Prime joints ✓	Fully prime ✓
Asphalt	Prime joints ✓	Fully prime ✓
OSB3	Prime joints ✓	Fully prime ✓
Metal	Prime joints ✓	Fully prime ✓
Old fibre glass	Prime joints ✓	Fully prime ✓
Standard GRP trims	Prime joints ✓	Fully prime ✓

### PRODUCT RANGE TABLE

PRODUCT	SIZE	CODE	COLOUR
Detailing Primer	1.5kg	RRGP1.5	Clear
Detailing Primer	3kg	RRGP3	Clear
Detailing Primer	5kg	RRGP5	Clear
Waterproof	5kg	RRWP5	Black & Grey
Waterproof	7.5kg	RRWP7.5	Black & Grey
Waterproof	10kg	RRWP10	Black & Grey
Anti-Skid	5kg	RRAS5	Black & Grey
Anti-Skid	10kg	RRAS10	Black & Grey
Joint Tape	100mm x 25m	RRWJT100	White
Chopped Strand Matting	1m x 180lm	RRCSM1	White
Waterproof Kit	5m <sup>2</sup>	RRWPKIT5	Black & Grey
Waterproof Kit	10m <sup>2</sup>	RRWPKIT10	Black & Grey
Waterproof Kit	20m <sup>2</sup>	RRWPKIT20	Black & Grey
Anti-Skid Kit	5m <sup>2</sup>	RRASKIT5	Black & Grey
Anti-Skid Kit	10m <sup>2</sup>	RRASKIT10	Black & Grey
Anti-Skid Kit	20m <sup>2</sup>	RRASKIT20	Black & Grey
Waterproof & Anti-Skid Kit	5m <sup>2</sup>	RRWPASKIT5	Black & Grey
Waterproof & Anti-Skid Kit	10m <sup>2</sup>	RRWPASKIT10	Black & Grey
Waterproof & Anti-Skid Kit	20m <sup>2</sup>	RRWPASKIT20	Black & Grey
Ponding Filler Kit	17kg	RRPF17	N/A
Crack & Joint Filler	10kg	RRCJF10	White
Catalyst	200g	RRC10	White

# TRAINING

## BECOME A LRS APPROVED CONTRACTOR

As a member of both NFRC and LRWA we are passionate about roofing standards and ensuring roofing 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 contractor, in order to get the best performance and benefit from extended guarantees we offer approved contractor status on all our systems.

## APPROVED CONTRACTOR STATUS

As an approved member of Competent Roofing, we run approved contractor training schemes on all our systems which qualify for the practical section of the Competent Roofer scheme. We also offer contractors full support and a preferred contractor list to building owners.

## APPROVED CONTRACTOR BENEFITS

As an approved contractor you will receive exclusive access to our Pro Systems across all our ranges including RapidRoof Pro, Fastcoat Pro, Liquid Rubber Pro and Elasto-kote Pro. These are the third-party accredited systems which offer BBA, BDA, FM and NHBC accepted applications for New Build. You will also be able to offer extended guarantees up to 25 years instead of our standard 10 year options.

## 1 DAY TRAINING COURSE

Our approved contractor 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. You will then be added to the LRS Approved contractor database and issued full LRS Certification.

## OUR FUTURE TRAINING DATES

All training courses are run in our dedicated training centre where you will receive practical hands on training. To view our up and coming course dates visit our Facebook or contact us on **01948 841 877**.

## PRO RANGE

Our Products are available from all good independent roofing merchants nationwide. We have a full technical team on hand to discuss all enquiries on **01948 841 877**. If your project requires specifications and pricing, then get in touch with the team.



# BECOME AN APPROVED CONTRACTOR







**UP TO  
20 YEAR  
GUARANTEES**



## TECHNICAL

At the heart of everything that LRS does it is our dedication to product performance and technical excellence. We believe that liquid waterproofing provides the best solutions for flat and pitched roof applications.

We are dedicated to continually improving the quality of both our products and our service. We have a dedicated technical support team, supported by field based technical managers who can provide site specific specifications, telephone or 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)**.

Further information about specific technical data can also be made available upon request by contacting our technical team who will be happy to help and can email the required information.

For site specific specifications please contact the technical team on **01948 841 877**, select option 1 or email **[technical@lrs-systems.co.uk](mailto:technical@lrs-systems.co.uk)**

## 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 by the largest testing houses in Europe and the United states 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**



## LIQUID ROOFING SYSTEMS

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☎ 01948 841 877

🏢 01948 841 854

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

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

