



CRACK AND JOINT FILLER

COLD APPLIED PMMA LIQUID SYSTEM



ABOUT CRACK AND JOINT FLLER



RapidRoof Crack and Joint Filler is our fast curing, high strength, trowel applied, three component resin mortar, designed for rapid and permanent repairs.

ADVANTAGES:

- Resilient
- Very good chemical resistance
- Excellent adhesion
- Fast curing, even at low temperatures
- Impact and abrasion resistant
- Frost resistant and impervious to water
- Excellent mechanical properties

PACKAGING:

LRS RapidRoof Crack and Joint Filler is supplied in 10kg packs.

STORAGE AND SHELF LIFE:

Store in dry conditions out of direct sunlight, at temperatures between 10°C and 20°C. Adequate ventilation of the storage area should not be provided.

Keep container tightly closed when not in use. LRS RapidRoof Crack and Joint Filler has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

HEALTH AND SAFETY:

LRS RapidRoof Crack and Joint Filler is flammable during application, so that adequate safety precautions should be observed.

Avoid contact of the material with skin and eyes. Wear gloves and goggles.

Wash off splashes immediately with soap and water. Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information.

LRS RapidRoof Crack and Joint Filler shall be applied strictly in accordance with the manufacturer's instructions.

For specific advice regarding any aspect of this product, please consult our Technical Department.

TYPICAL PROPERTIES

Colour	Light grey (Other colours can be supplied upon request)
Density	2,0010kg/m ³
Pot Life @ 20°C	20 Minutes
Compressive Strength	45MPa
Taber Abrasion Resistance	45mg weight loss (CS17 wheels; 1kg loads; 1,000 cycles)
Adhesion to Concrete	3.7MPa (concrete failure)
Temp Range During Application	+0°C to +40°C
Temp Range During Service	-40°C to +50°C
Chemical Resistance	Excellent resistance to dilute acids and alkalis, oil, petrol, and diesel. For specific advice, please consult our Technical Department.



APPLICATION PROCESS



COVERAGE:

A 10kg pack yields 1m² @ 5mm thickness.

SURFACE PREPARATION:

Remove all laitance, grease, oil, dust and other contaminants to provide a sound, clean substrate.

PRIMING:

The prepared surface shall be primed by the application of LRS RapidRoof Primer. The mixed LRS RapidRoof Primer should be applied by brush or roller at a nominal rate of 1kg per 3-4m², depending upon surface profile. Allow the primer to cure for a minimum of 60 minutes.

MIXING:

LRS RapidRoof Crack and Joint Filler is supplied as a three component product consisting of the BASE component, the CATALYST component and the AGGREGATE component.

The contents of the BASE and CATALYST component should be thoroughly mixed together and the AGGREGATE then introduced. A low speed drill stirrer will be suitable.

APPLICATION:

LRS RapidRoof Crack and Joint Filler should be applied by trowelling to ensure good compaction and a tight finish. The material should not be feather edged.

CURING:

Allowing a minimum cure time of 1 hour ~ 20°C prior to foot trafficking and 2 hours @ 20°C prior to full trafficking.

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 per m ²
Cure time:	20 minutes
Fire test:	AC
Application temperature:	0°C - 40°C
Specific gravity:	1.65g / cm ³
Load Strength:	150N
Elongation:	200%

SUITABLE SURFACES (Detailing Primer required)

	RAPIDROOF	RAPIDROOF PRO
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 ✓
Single Ply	Fully prime ✓	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 ²	RRWPKIT5	Black & Grey
Waterproof Kit	10m ²	RRWPKIT10	Black & Grey
Waterproof Kit	20m ²	RRWPKIT20	Black & Grey
Anti-Skid Kit	5m ²	RRASKIT5	Black & Grey
Anti-Skid Kit	10m ²	RRASKIT10	Black & Grey
Anti-Skid Kit	20m ²	RRASKIT20	Black & Grey
Waterproof & Anti-Skid Kit	5m ²	RRWPASKIT5	Black & Grey
Waterproof & Anti-Skid Kit	10m ²	RRWPASKIT10	Black & Grey
Waterproof & Anti-Skid Kit	20m ²	RRWPASKIT20	Black & Grey
Ponding Filler Kit	17kg	RRPF17	Grey
Crack & Joint Filler	10kg	RRCJF10	White
Catalyst	200g	RRC10	White
RapidRoof Pro Detailer	3kg	RRPRO3	Grey

Note: The information contained in this sheet is accurate to the best of our current knowledge. The products are of the highest quality and standard with regard to production tolerances. This product shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of our systems please consult our technical team.

TRAINING

BECOME AN LRS APPROVED CONTRACTOR

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 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

LRS run approved contractor training schemes on all our systems. We also offer contractors full support and a preferred contractor list to building owners.

As an approved contractor 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 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.

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 roofs, gutters, tanking and car parks.

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.

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.



**BECOME AN
APPROVED
CONTRACTOR**





TECHNICAL AND GUARANTEES



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 or call our team on **01948 841 877**.

PRODUCT GUARANTEES BREAKDOWN	
	10 year guarantee
	Up to 20 years guarantee
	10 year guarantee
	15 year guarantee
	10 year guarantee
	Up to 20 years guarantee
	10 year guarantee
	10 year guarantee
	Up to 25 years guarantee
ELASTO-KOTE.	10 year guarantee
ELASTO-KOTE PRO .	Up to 20 years guarantee



LIQUID ROOFING SYSTEMS

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