



PONDING FILLER

PMMA PONDING REPAIR SYSTEM



ABOUT PONDING FILLER



RapidRoof Ponding Filler is a rapid curing, extremely hard wearing solution for eliminating ponded areas on flat surfaces allowing a completely flat surface to be achieved prior to application of a surface coating.

Can be used prior to the waterproofing application as it cures in 30 mins approx.

ADVANTAGES:

- High Strength
- 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 Ponding Filler is supplied in 17kg 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 Ponding 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 Ponding 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 Ponding 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
Density	2,0010kg/m ³
Pot Life @ 20°C	20 Minutes
Compressive Strength	75MPa
Taber Abrasion Resistance	45mg weight loss (CS17 wheels; 1kg loads; 1,000 cycles)
Adhesion to Concrete	3.7MPa (concrete failure)
Temp Range During Application	+5°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 17kg pack yields 0.85m² @10mm thickness.

SURFACE PREPARATION:

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

PRIMING:

The prepared concrete 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 Ponding Filler is supplied as a two component product consisting of the BASE component, and the FILLER/CATALYST component.

The contents of the BASE and FILLER/CATALYST component should be thoroughly mixed together for 1-2 minutes, until a uniform consistency is achieved. Mix using a low speed drill stirrer.

APPLICATION:

LRS RapidRoof Ponding Filler shall be poured onto the primed floor and trowel finished. The material should not be feather edged.

CURING:

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

The cured product requires priming with LRS RapidRoof Primer prior to the application of any other LRS system.

TECHNICAL STATISTICS	
Dry film thickness:	1.5mm - 2mm
Application rate:	1.5kg / 2kg 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)		
		
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 ✓

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	RRJT25	White
Joint Tape	100mm x 180m	RRJT180	White
Chopped Strand Matting	1m x 25m	RRCSM125	White
Chopped Strand Matting	1m x 180m	RRCSM1180	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
RapidDeck Primer	5kg	RDP5	Clear
RapidDeck Primer	5kg	RDP5	Clear
RapidDeck Primer	25kg	RDP25	Clear
RapidDeck Waterproof	5kg	RRWP5	Grey
RapidDeck Waterproof	7.5kg	RRWP7.5	Grey
RapidDeck Waterproof	10kg	RRWP10	Grey
RapidDeck Scratch Coat (A)	25kg	RDSCPA25	White
RapidDeck Scratch Coat (B)	25kg	RDSCPA26	White
RapidDeck Top Coat	25kg	RDTC25	Grey
RapidDeck Quartz Aggregate	25kg	RDQA25	White
RapidDeck Quartz Aggregate	25kg	RDQA25	White



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



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