



**SEAMLESS
WATERPROOFING
SOLUTIONS**

LIQUIDRUBBER BROCHURE

LIQUID ROOFING SYSTEMS



ABOUT LIQUIDRUBBER



LiquidRubber at its core is made of a highly advanced eco-friendly polymer, and has become a renowned product within the construction industry for its longevity and hard wearing properties. One of the most advanced cost effective waterproofing solutions available on today's market.

This system is formulated specifically for hand application and designed for use on industrial and domestic projects.

Furthermore with the addition of slate aggregate the system can look like a traditional felt roof but completely seamless & fully bonded, suitable for application over most surfaces.

LiquidRubber has outstanding adhesion properties and is eco-friendly. The system is a safe alternative to traditional roofing systems and provides a quick & easy method of renovating & waterproofing new & old substrates.

Easy to apply with brush or roller 2 coat application at rate of 1ltr per coat.

Colour Black (Slate TopCoat optional).

Suitable for application on to: Felt, GRP, Lead, Metal, Asphalt, Asbestos and Concrete.



Our unique and advanced Instant Set Technology provides a seamless and fully bonded finish on contact with the surface and is almost immediately shower proof.

LiquidRubber Instant Set is a spray applied seamless waterproofing system that can be applied at a phenomenal rate of up to 1200 sq/m per day, that's roughly 3x faster than traditional roofing systems.

Suitable for application on to: Felt, GRP, Lead, Metal, Asphalt, Asbestos and Concrete



TECHNICAL DATA SHEET



USES:

LiquidRubber Brush and Roller is a cold liquid applied membrane for waterproofing and surface protection. Other uses include rust and corrosion protection of ferrous materials.

LiquidRubber Brush and Roller can be applied over a wide range of surfaces including roofs, concrete foundations, basements, retaining walls, planters, plus many more. It will cover many substrates including timber, concrete, metal, asphalt, asbestos and brick.

PREPARATION:

Prior to commencing the existing roof should be thoroughly cleaned down to remove all dirt, fungal growth, loose solar coverings, dust etc.

We recommend power washing the roof with a minimum pressure of 2000 psi however it is the contractor's responsibility to determine the preferred method of cleaning.

The main criteria are to provide a clean, dry surface to ensure the materials can key to the surface and not to the friable material.

PHYSICAL PROPERTIES & SPECIFICATIONS

Form:	Liquid
Colour:	Brown
Odour:	Slight resinous petroleum odour
Odour Threshold:	NA
PH:	7-13
Specific Gravity:	1.00 (approx.)
Vapour Pressure:	(mm Hg) 17 @ 20°C (water)
Vapour Density:	>1 (air=1)
Evaporation Rate:	<1 (nBuAcetate=1)
Volatiles %:	30-60 (water)

DETAILING



APPLICATION PROCESS



BASECOAT

CLEANING THE SUBSTRATE:

The best method to ensure the surface is clean from loose dirt, dust and natural growth would be a power washer, we recommend a minimum of 2000psi power washer.

If a pressure washer is not possible, the contractor must deem the most appropriate method of cleaning that achieves a similar clean to that of a 2000psi pressure wash.

A clean surface is critical for a successful bond of the LiquidRubber Pro, if the surface is dirty or dusty the LiquidRubber Pro will only bond to this rather than the substrate it is intended for.

Visit www.hse.gov.uk for full Asbestos cleaning information.

FULLY PREPARED SUBSTRATE:

Ensure the substrate is fully prepared before applying any Detailing or LiquidRubber Pro Waterproof. All Joints that are over 3mm will need to be filled using LiquidRubber Trowel Grade.

If these joints are not filled this could lead to pinholes within the waterproofing membrane.

All brickwork / screed will need to be checked for cracks and damage, then repaired where necessary. Any repairs made using concrete will need to be completely dry which is typically 28 days.

PRIMING:

Ensure the correct primer is used depending on the substrate, for more information please contact LRS technical team on 01948 841 877.

DETAILING:

All details must be completed first before the start of the main waterproofing application.

Upstand details should be detailed up a minimum of 150mm where possible. Any details that do not meet the 150mm height requirement should be terminated using a termination bar.

All Joints / Vulnerable areas will need to be reinforced using LiquidRubber Pro and Geo-Textile Strengthening Tape.

LiquidRubber Pro should be applied over the joint at a coverage rate of 1ltr per m² and immediately lay the Geo-Textile into the wet coating, with a loaded roller fully saturate the Geo-Textile and ensure this is embedded to remove any pinholes or creases within the tape.

SNAGGING:

Once the detailing is complete the roof should be snagged to remove any debris created in the detailing stage of the application. This can be done by lightly sanding to remove it with 80 grit sandpaper or similar.

LIQUIDRUBBER PRO BASECOAT:

On completion of the snagging the LiquidRubber Pro should be applied to the main roof area.

This must be done in 2 coats, first coat of LiquidRubber Pro will need to be applied at a coverage rate of 1ltr per m² using a 9" short piled roller.

Ensure the LiquidRubber Pro tins are gridded out over the roof area so the LiquidRubber Pro is applied at the correct coverage rate. Repeat the snagging process.

LIQUIDRUBBER PRO TOPCOAT:

LiquidRubber Pro TopCoat should be applied at a coverage rate of 1ltr per m², again ensure the tins are gridded out to achieve the correct coverage rate. We recommend to cross roll to ensure the TopCoat is applied evenly across the area.

LIQUIDRUBBER PRO ANTI-SKID:

An additional 0.5ltrs of LiquidRubber Pro should be applied over the finished waterproofing. While the LiquidRubber Pro is still wet cast approx. 2kg of slate aggregate and fully broadcast to avoid leaving the aggregate patchy.

Once fully cured the loose aggregate should be removed and bagged up.

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.



TOPCOAT



APPLICATION
PROCESS



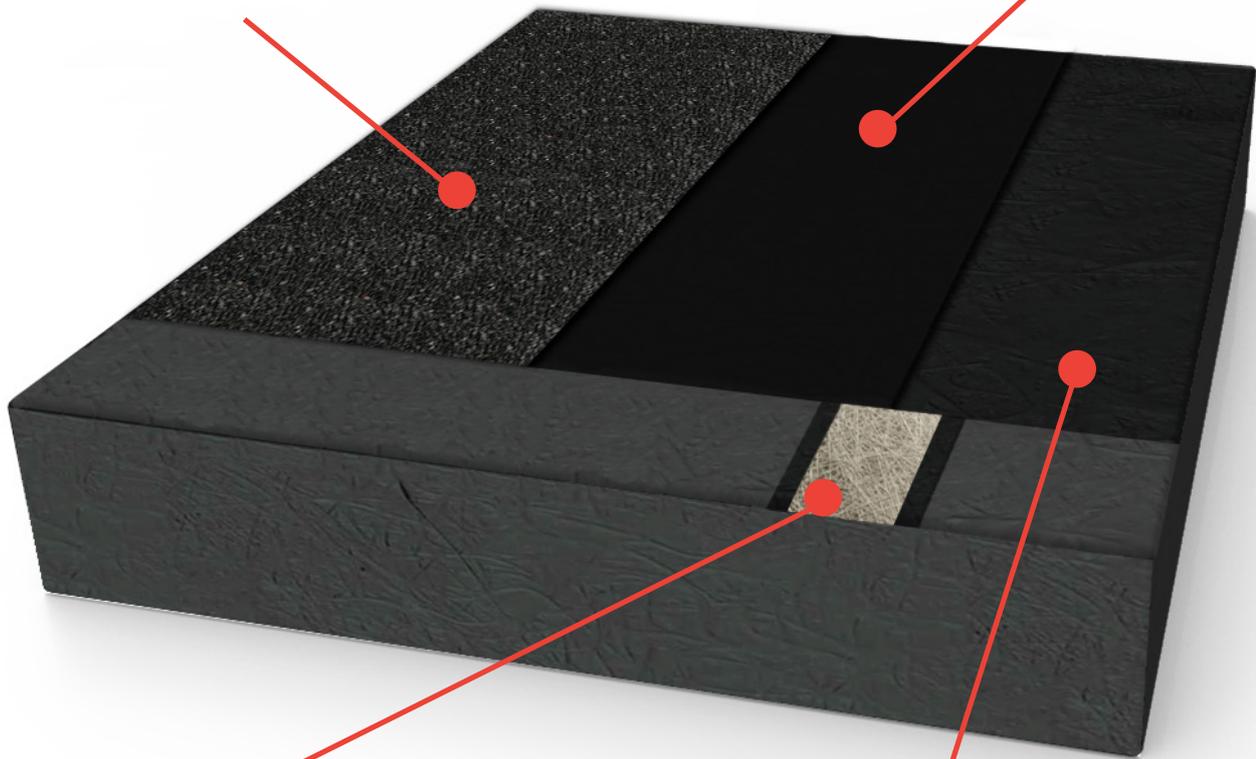
ANTI-SKID

**TYPICAL
LIQUIDRUBBER
BUILD-UP**



LiquidRubber Slate Aggregate
2kg per m²

LiquidRubber TopCoat
1ltr per m²



**LiquidRubber Geo-Textile
Strengthening Tape**
80gsm

LiquidRubber BaseCoat
1ltr per m²

*Primer maybe required on some surfaces

BENEFITS



VOC Free



Solvent Free



Cold Applied



Up to 850% Elasticity



Fully Bonded



Completely Seamless

TECHNICAL STATISTICS

Dry film thickness:	Minimum 1.75mm
Application rate:	2ltr = 1.75mm
Cure time:	Up to 72 hours
Fire test:	AB
Application temperature:	5°C - 30°C
Specific gravity:	Approx 1.0
Load strength:	90
Elongation:	850%

BONDS TO (No primer required)

Felt	✓
GRP	✓
Lead	✓
OSB3	✓
Metal	✓
Asphalt	✓
Asbestos	(Primer required) ✓
Concrete	(Primer required) ✓

PRODUCT RANGE TABLE

PRODUCT	SIZE	CODE	COLOUR
Premium Brush & Roller	2.5ltr	LRPREBR2.5	Black
Premium Brush & Roller	5ltr	LRPREBR5	Black
Premium Brush & Roller	20ltr	LRPREBR20	Black
Flood Coat	5 ltr	LRFC5	Black
Flood Coat	20ltr	LRFC20	Black
Trowel Grade	2.5ltr	LRTG2.5	Black
Trowel Grade	5ltr	LRTG5	Black
Geo-Textile	75mm	LRGO75	White
Geo-Textile	150mm	LRGO150	White
Geo-Textile	300mm	LRGO300	White
Geo-Textile	1m	LRGO1000	White
Gutter Tape	150mm	LRGT150	White
Gutter Tape	300mm	LRGT300	White
Gutter Tape	900mm	LRGT900	White
Slate Aggregate	25kg	LRSA25	White



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 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





TECHNICAL AND 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.

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

GUARANTEES AND TESTING

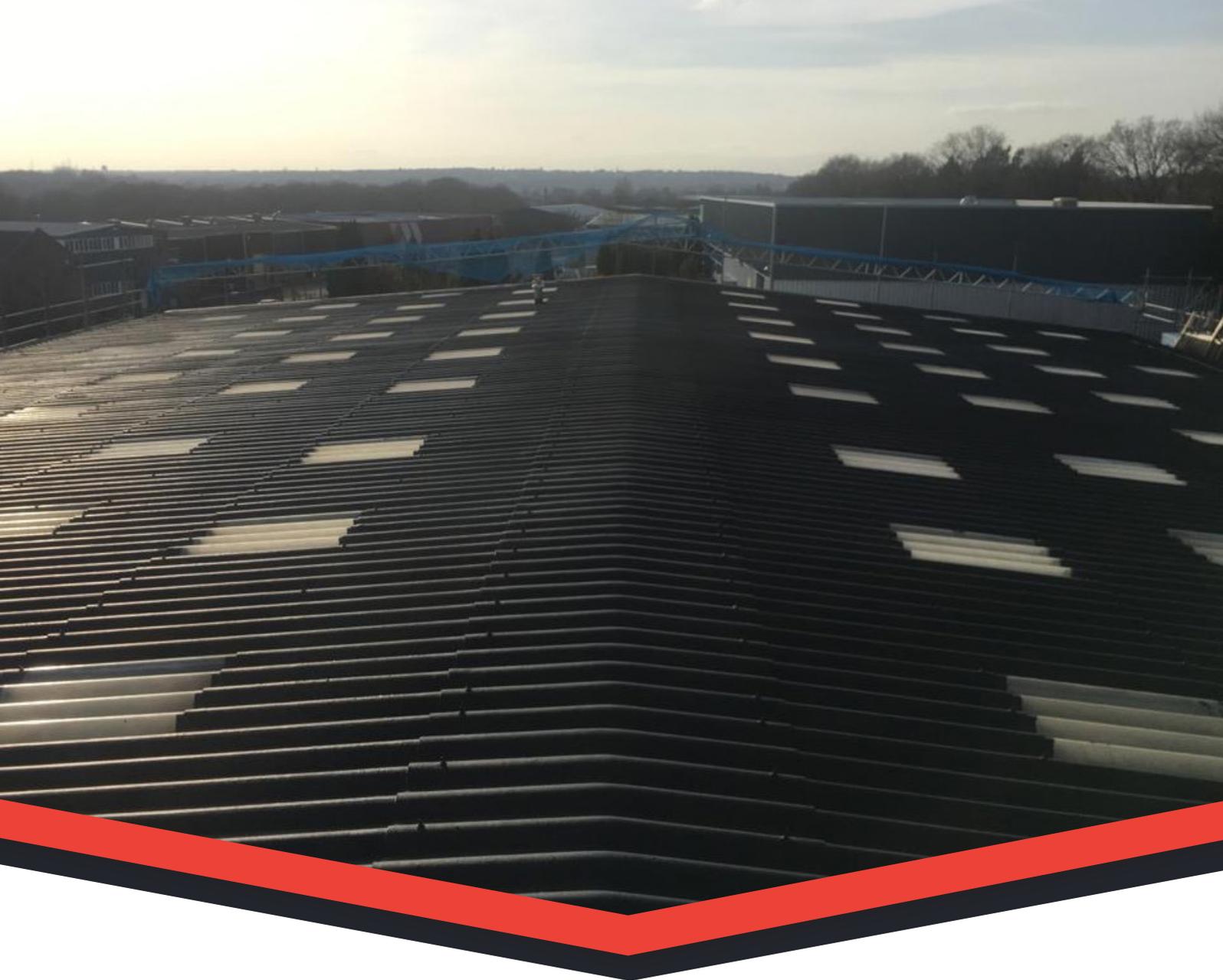
Our systems are tested to the highest standards to ensure they are fit for purpose and deliver exceptional performance.

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**



LIQUID ROOFING SYSTEMS

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📞 01948 841 854

✉ enquiries@lrs-systems.co.uk

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