



# ***FAST*COAT**

## **COLD APPLIED PU LIQUID SYSTEM**



# ABOUT FASTCOAT



FastCoat is LRS' single component liquid applied pure polyurethane system, which provides fully a bonded, tough and durable seamless waterproofing system. By using our exclusive pure polyurethane technology, we deliver systems which ensure long performance life and exceptional flexibility.

Polyurethanes are known for their exceptional strength and elastic properties. FastCoat offers complete systems for waterproofing roofs, balconies, gutters and walkways.

Unlike many alternatives, FastCoat's fast cure technology offers substantial reductions in application time, saving money and reducing site disruption. Typically showerproof in 30 minutes and fully dried in approximately 4 hours. Smaller projects can often be completed in a day.

Its fully reinforced specification makes FastCoat suitable for flat, pitched and vertical applications. Our standard FastCoat system comes with a 10 year guarantee.

Suitable for application onto: OSB3 roofing boards, mineral felt, asphalt, concrete, metal, fibre glass and compatible with standard GRP trims.



FastCoat Pro is LRS' premier roof waterproofing system which offers an extended guarantee of up to 25 years. A fully reinforced, single component Pure Polyurethane system, FastCoat Pro offers an exceptional long-term solution to flat roof waterproofing, balconies and walkways.

Because of their exceptional strength and elastic properties, polyurethanes are a popular choice for flat roofing contractors. FastCoat Pro is BBA certified for new roof installations and fully accepted by NHBC.

Only available to LRS' approved contractors, FastCoat Pro is our extended Pro version of FastCoat, only accessible to those who complete our FastCoat training course to ensure the right specification is used.



With the simple addition of FastCoat Traffic Coat, FastCoat system becomes a fully reinforced, anti-skid waterproofing system for application onto balconies, walkways, terraces and car parks.

Exceptionally tough and hard wearing yet still flexible, FastCoat Traffic Coat is one of the most robust waterproofing systems on the market.





## PRIMER



## APPLICATION PROCESS



## BASECOAT

### **CLEANING THE SUBSTRATE:**

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

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

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

### **FULLY PREPARED SUBSTRATE:**

Ensure the substrate is fully prepared before applying any FastCoat Primer or FastCoat Waterproof. All joints / vulnerable areas that are over 3mm will need to be filled using LRS PU Mastic.

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

All brickwork / screed should 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.

Upstands should be detailed up a minimum of 150mm where possible. Any details that do not meet the 150mm height requirement should be terminated either using a termination bar or LRS PU Mastic.

FastCoat should be applied up the upstand at the recommended height and fully reinforced using LRS 225gsm Reinforcement Matting.

### **SNAGGING:**

Once the BaseCoat is complete the roof should be snagged to remove any wicks created. This can be done by lightly sanding the wick to remove it with 80 grit sandpaper or similar. Any pinholes within the membrane should be filled using LRS PU Mastic.

## FASTCOAT BASECOAT:

On completion of the detailing the FastCoat will need to be applied to the main roof area.

This should be done in 2 coats. **For FastCoat 10**, it should be applied at a coverage rate of **1.25kg per m<sup>2</sup>** using a 9" short piled roller and then fully reinforced using LRS 225gsm Reinforcement Matting.

**For FastCoat Pro 20 and FastCoat Pro 25**, apply at a coverage rate of **1.5kg per m<sup>2</sup>** using a 9" short piled roller and then fully reinforced using LRS 225gsm Reinforcement Matting.

The Reinforcement Matting must be fully saturated and embedded, making sure the membrane is free from creases and pinholes.

Ensure the FastCoat tins are gridded out over the roof area, so that FastCoat is applied at the correct coverage rate.

## FASTCOAT TOPCOAT:

**FastCoat 10** TopCoat should be applied at a coverage rate of **0.75kg per m<sup>2</sup>**, **FastCoat Pro 20** at a coverage rate of **1kg per m<sup>2</sup>**, and **FastCoat Pro 25** at a coverage rate of **1.4kg per m<sup>2</sup>**.

We recommend to cross roll where possible to ensure the TopCoat is applied evenly across the area.

## FASTCOAT TRAFFIC COAT:

FastCoat Traffic Coat Holding Coat is applied at a coverage rate of 0.2kg per m<sup>2</sup> over the completed FastCoat waterproof. While the holding coat is wet cast 3kg per m<sup>2</sup> of aggregate and fully broadcast.

Once this has dried (typically 30 minutes), all loose aggregate should be removed and bagged up for later use.

FastCoat Sealer Coat should be applied over the top of the aggregate at 0.2kg per m<sup>2</sup>, typically drying in around 30 minutes.

## CAUTION:

Do not use near a 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. Dispose of in an environmentally safe manner. Cover air intakes during application and while drying.

A person wearing a black glove is unrolling a roll of grey reinforcement matting onto a roof surface. The matting is being laid over a dark grey membrane. The roof surface is made of light brown wooden planks.

MATTING

A green background with a pattern of white water droplets of various sizes.

APPLICATION  
PROCESS

A person is using a long-handled roller to apply a dark grey topcoat to a roof surface. The roller is covered in the dark grey material. The roof surface is made of light brown wooden planks.

TOPCOAT



# FASTCOAT BUILD-UP



**Typical 10 year build-up**

FastCoat Primer  
(if required)  
Up to 0.2kg per m<sup>2</sup>

FastCoat TopCoat  
0.75kg per m<sup>2</sup>

Reinforcement  
Matting  
225gsm

FastCoat BaseCoat  
1.25kg per m<sup>2</sup>



**Typical 20 year build-up**

FastCoat Pro Primer  
(if required)  
Up to 0.2kg per m<sup>2</sup>

FastCoat Pro  
TopCoat  
1kg per m<sup>2</sup>

Reinforcement  
Matting  
225gsm

FastCoat Pro  
BaseCoat  
1.5kg per m<sup>2</sup>

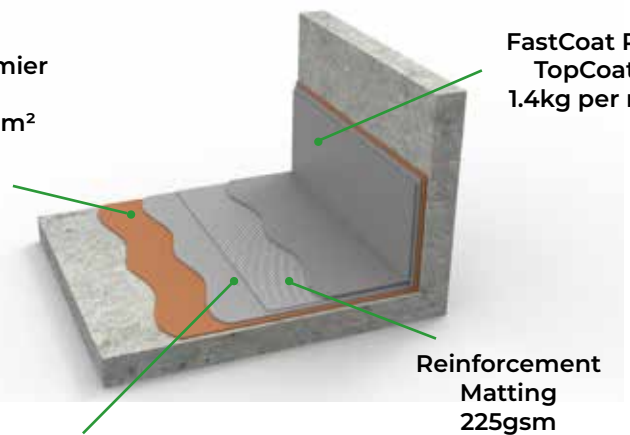
# FASTCOAT BUILD-UP



**Typical 25 year build-up**

FastCoat Pro Primer  
(if required)  
Up to 0.2kg per m<sup>2</sup>

FastCoat Pro  
TopCoat  
1.4kg per m<sup>2</sup>



FastCoat Pro  
BaseCoat  
1.5kg per m<sup>2</sup>

Reinforcement  
Matting  
225gsm



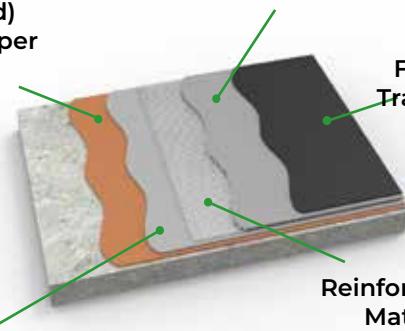
FastCoat Primer  
(if required)  
Up to 0.2kg per  
m<sup>2</sup>

FastCoat  
TopCoat

FastCoat  
Traffic Coat

FastCoat  
BaseCoat

Reinforcement  
Matting  
225gsm



## TRAFFIC COAT\*

- Traffic Coat @ 0.2kg per m<sup>2</sup>
- Whilst wet cast 3kg per m<sup>2</sup> of aggregate
- Brush off loose aggregate, then additional 0.2kg per m<sup>2</sup> of Traffic Coat.

## BENEFITS



**Fast Curing**



**30 Mins Showerproof**



**Single Component**



**Applied In 2 Coats**



**Seamless**



**Extremely Elastic**

## PRODUCT RANGE TABLE

PRODUCT	SIZE	CODE	COLOUR
FastCoat	4kg	FCP4	Grey - RAL 7012
FastCoat	25kg	FCP25	Grey - RAL 7012
Porous Primer Flex	4kg	FCPPF4	Clear
MS 2 Part Primer	12.5kg	PUZNP11	Clear
Solvent	4kg	FCBCT4	Clear
Solvent	20kg	FCBCT20	Clear
Traffic Coat	4kg	FCBC4	Clear
Traffic Coat	25kg	FCBC25	Clear
Emery Aggregate	25kg	FCEA25	Brown
PU Joint Sealer	600ml	PUJS600	Grey
PU Joint Sealer Gun	N/A	PUJSGUN	N/A
Reinforcement Matting	1m x 130m	CSJT1130	White
Reinforcement Matting	1m x 25m	CSJT125	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 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](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)**.



# BECOME AN APPROVED CONTRACTOR







## 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**.

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 <b>PRO</b> .	Up to 20 years guarantee



## LIQUID ROOFING SYSTEMS

📍 Roofing House, Prees Green, Whitchurch, SY13 2BN

☎ 01948 841 877

📞 01948 841 854

✉ enquiries@lrs-systems.co.uk

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

