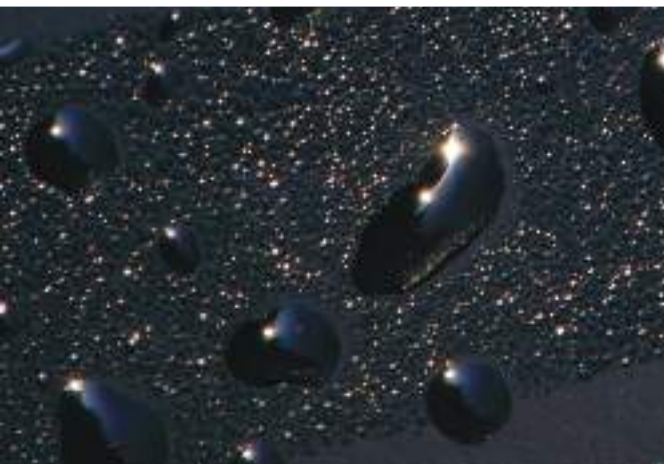
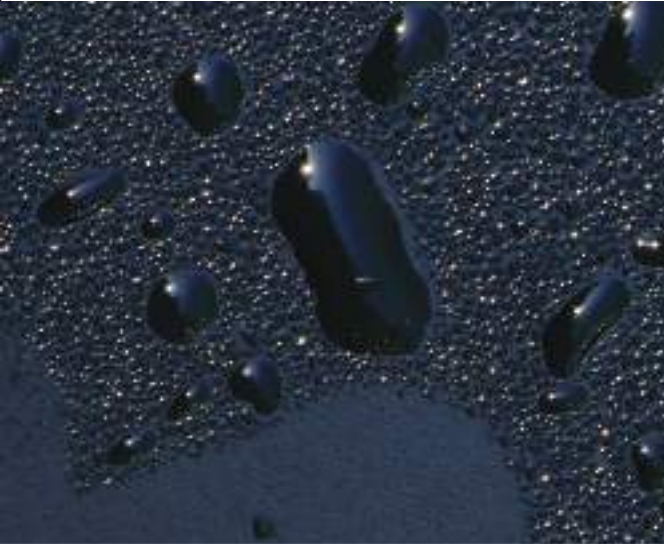


REV:6-30/09/30

Liquid Rubber Timber Specification



Liquid Rubber

Timber Specification

Contents:

1. Preparation
2. Application
3. Additional Information
4. Things To Be Aware Of When Applying To Timber

Liquid Rubber Timber Specification

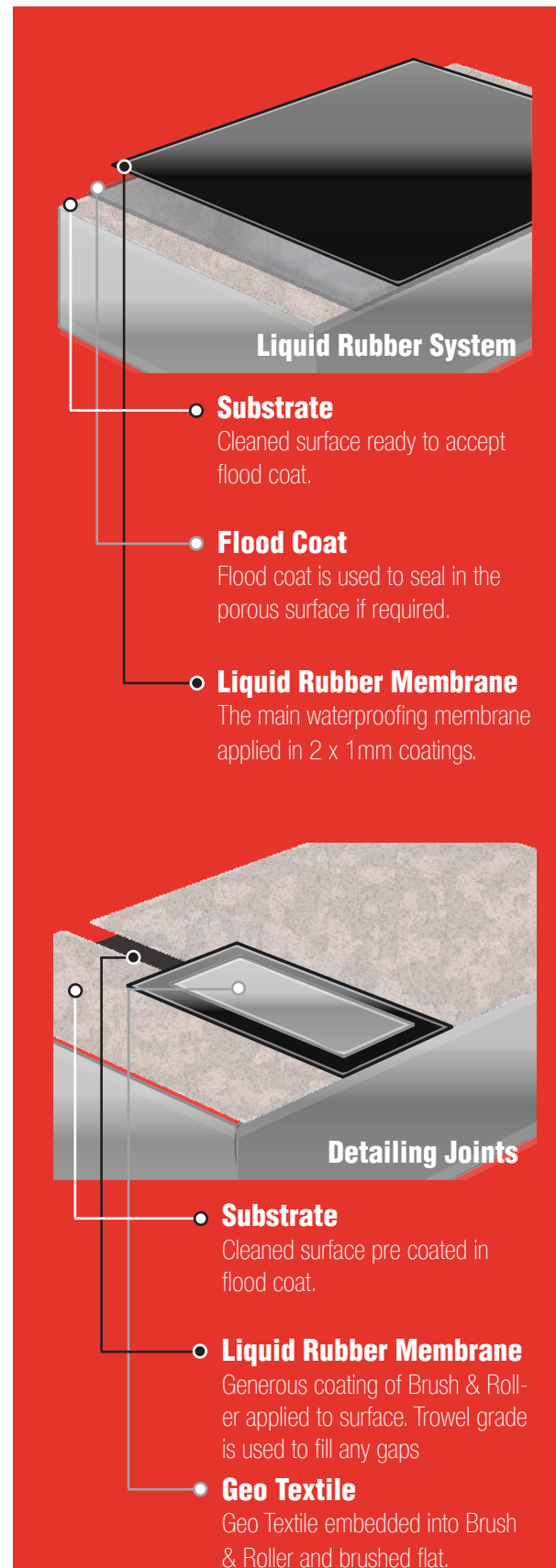
1. Preparation:

Prior to commencing ensure the decking is clean and free from any dirt, dust or other contaminants especially when coating existing decking. It is the contractors responsibility to establish the best method of cleaning, the main criteria is to provide a suitable surface for the adhesion of the Liquid Rubber membrane.

Liquid Rubber Flood Coat On completion of the cleaning of the timber we recommend coating the whole of the roof area and upstands with Liquid Rubber Flood Coat. The flood coat can be applied by brush, roller or airless spray at an application rate of approx. 4-5 sq/m per litre. Coverage may vary on porous timber surfaces.

Joints In Plywood Decking Liquid Rubber Brush & Roller should be applied to each side of the joint and GeoTextile reinforcing tape bedded into the 'Brush & Roller' while the membrane is still wet with a second coat of Brush & Roller being applied when the first coat has turned from brown to black. Ensure the GeoTextile is fully bedded into the Liquid Rubber, smooth side up, smoothing out any bubbles or ridges.

Fixings Liquid Rubber Brush & Roller should be brush applied over and around the exposed heads of all fixings. Fixings should be flush with, or slightly sunk into the decking to avoid any subsequent damage to the waterproofing membrane.



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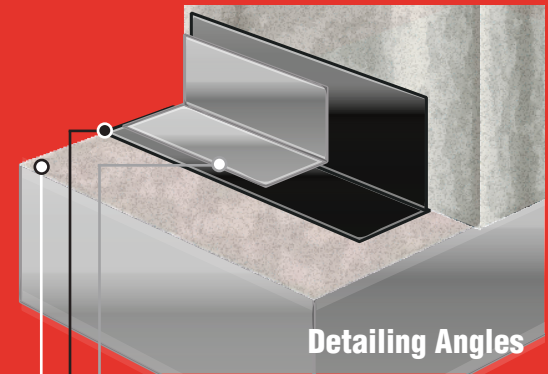
Preparation:

Joints In T&G Boarding Where the joints are a tight, close fit an additional layer of Liquid Rubber Brush & Roller should be applied over the joints. Split or gaping joints should be pointed up with 'Liquid Rubber Trowel Grade' and reinforced with GeoTextile reinforcing tape bedded in Brush & Roller.

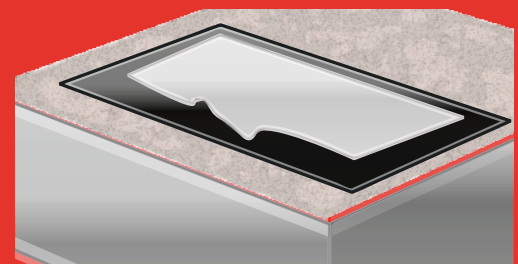
OSB (Sterling) Boards Liquid Rubber membranes are water based solutions. OSB and similar boards should be pre-sealed with a suitable sealant. Check the board manufacturers' recommendations before applying Liquid Rubber.

Upstands to services flashings, parapets etc. should be covered with Brush & Roller and Geo Textile reinforcing membrane. The reinforcing membrane should be bedded into the first coat of Brush & Roller using a clean brush. A second coat of Brush & Roller should be applied after the initial coat has dried (turned from brown to black). When applying to masonry or semi-porous surfaces we recommend applying a thin 'Flood Coat' of Liquid Rubber.

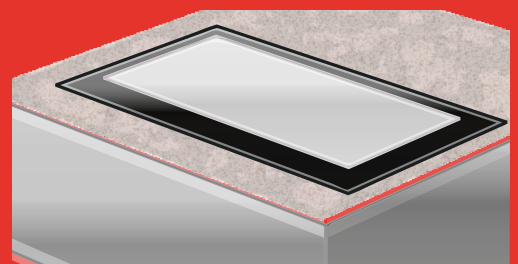
Where the membrane is required to be dressed into a mortar course it should be raked out and re-pointed with Liquid Rubber Trowel Grade. When applying the Liquid Rubber onto brickwork without dressing into the mortar course the membrane should be finished in the middle of the brick course.



- **Substrate/Wall**
Cleaned surface pre coated in flood coat.
- **Liquid Rubber Membrane**
Generous coating of Brush & Roller applied to surface.
- **Geo Textile**
Geo Textile embedded into Brush & Roller and brushed flat.



Please ensure that when applying Geo Textile that it is completely flat and free of gaps or fish mouths.



The perfect finish for Geo Textile leaves it flat to the surface and free of gaps fully embedded into the Brush & Roller below.

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Detailing Please leave between 1-2 hours for detailing to be fully cured before application of main membrane.

Coverage Rate When using Liquid Rubber Brush & Roller an application rate of 1ltr per sq/m per coat is to be maintained. This can be achieved by measuring the area to be covered and by weighing or decanting the necessary volume, 1Kg = 1Ltr.

Liquid Rubber Approved Contractor Training

LRS host regular training programmes to provide contractors with the necessary skills and product knowledge to become a fully certified Liquid Rubber Approved Contractor. For more information please call our technical help desk or email one of our team.

2. Application:

Liquid Rubber Brush & Roller is a two coat system applied by brush, roller or airless spray. The contractor is to determine the most suitable method of application.

L.R. Brush & Roller should be applied at an average rate of 1.0Lt per sq/m per coat. Allow the first coat to dry before applying the second coat. Use area to volume calculations to ensure the correct coverage. Plan your application method working towards your exit point.

Liquid Rubber Instant Set Spray Grade is a specialist single coat application normally used on larger contracts and can be applied at a rate of approx. 800 sq/m per day. Instant Set Spray Grade has to be applied by an approved/trained spray team using bespoke spray equipment. Please consult our specific manual for coverage, methodology, advice and training.

Arrangements can be made to hire a spray machine to apply the main membrane with all preparation work being carried out by the contractor. Contact our technical help desk for further information.

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Limitations Liquid Rubber should not be applied when the ambient temperature is below 5°C. The uncured membrane may be damaged if frozen. Do not apply to wet or frozen surfaces or directly prior to rain.

Caution Avoid storage below 5°C, keep out of direct sunlight. Please consult data sheets before using Liquid Rubber.

3. Additional Information:

Liquid Rubber Optional Finishes Liquid Rubber is UV resistant and is not significantly affected by solar gain.

A coloured aggregated system can be applied to the Liquid Rubber Membrane by broadcasting 2kg sq/m of LRS aggregate into a wet Liquid Rubber Brush & Roller holding layer of 0.5ltr per sq/m to offer a more hard-wearing system with thermal benefits.

Foot Traffic Please consult our separate specification for anti slip.

Insulation: If additional insulation is required please consult our separate specification sheet (Additional Insulation)

Handling Keep containers upright and tightly closed when not in use and keep from freezing.

Maintenance In accordance with good roofing practice it is the clients responsibility to ensure that the roof is regularly inspected and maintained to ensure the membrane is at its optimum performance. This includes removal of foreign materials and dirt and the repair of any damage by tradesmen, falling debris etc. For further information please consult our separate data sheet for maintenance and repair of Liquid Rubber membranes.

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4. Things to be aware of when applying to timber:

Because there are so many different types of timber boards available for roof decking, and because the way in which these boards are manufactured can vary, not only between manufacturers but even between factories of the same manufacturer; Liquid Rubber cannot know how each of these boards react.

Many types of timber board contain glues that if exposed to liquids can “gas” for some time after they have been manufactured and if not stored in dry conditions can absorb moisture. Both of these can effect all types of liquid applied systems usually resulting in a bubbling or rippling effect on the surface. For this reason we recommend use of the marine ply boards (external grade) for flat roofing.

NOTE Ultimately it is the choice of the contractor/client which types of material are used, If the client or contractor chooses any other boards this is entirely at their own risk and it is their responsibility to confirm with the manufacturer this board is compatible with a water-based liquid membranes.

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