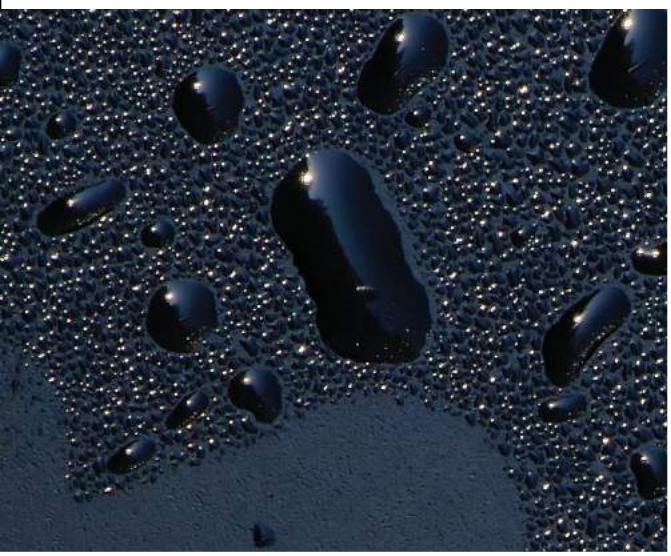
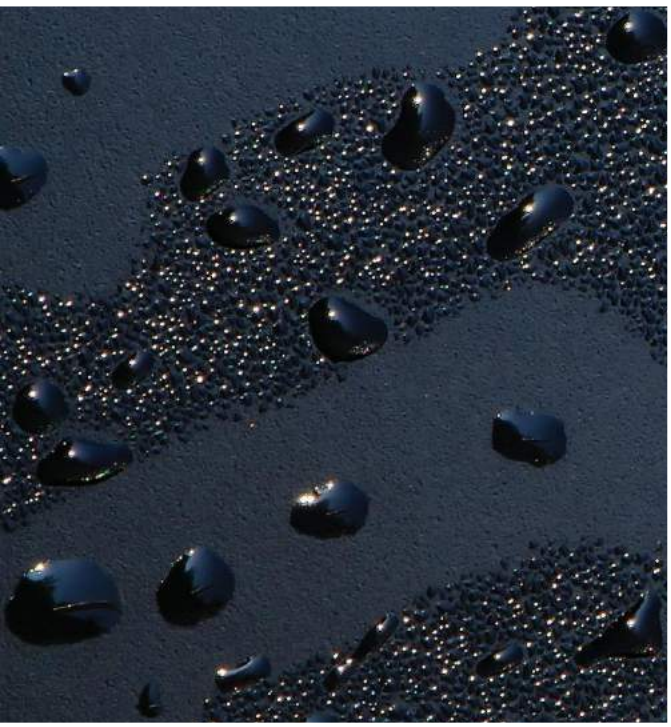
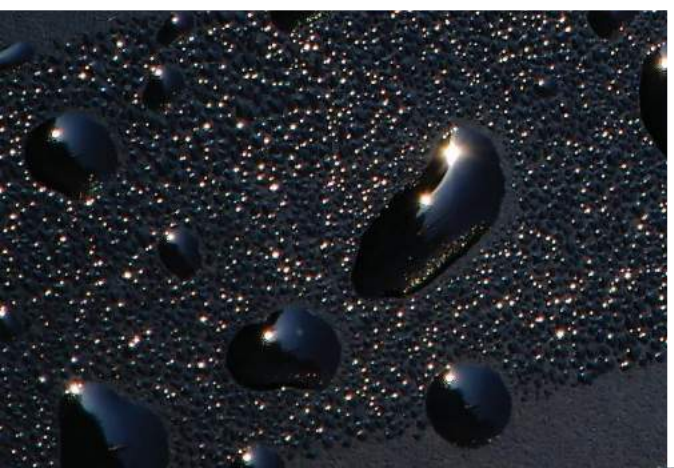
REV:6-20/06/17

Liquid Rubber
General Specification







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Contents:

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1. 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 contractors 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.

Areas of standing water In accordance with good roofing practice areas of standing water should be avoided. Self-levelling compound can be applied to such areas. LRS Self leveller kits are also available with a curing time of approx. 20 minutes. Removal of Single-Ply membrane may be required in this specific area.

Splits in the existing surface should be repaired using Liquid Rubber Brush & Roller and GeoTextile reinforcing membrane. Any un-bonded areas should be re-bonded using Liquid Rubber Brush & Roller.

Upstands to existing services, flashings, parapets etc. should be covered with Brush & Roller and GeoTextile reinforcing membrane.

Substrate
Cleaned surface ready to accept Flood Coat.

Flood Coat
Flood coat is used to seal in the porous surface if required.

Liquid Rubber Membrane
The main waterproofing membrane applied in 2 x 1mm coatings.

Substrate
Cleaned surface pre coated in flood coat.

Liquid Rubber Membrane
Generous coating of Brush & Roller applied to surface. Trowel Grade is used to fill any gaps

Geo Textile
Geo Textile embedded into Brush & Roller and brushed flat.

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Preparation:

Applying LRS Brush & Roller and GeoTextile reinforcement to upstands, splits, failed joints etc

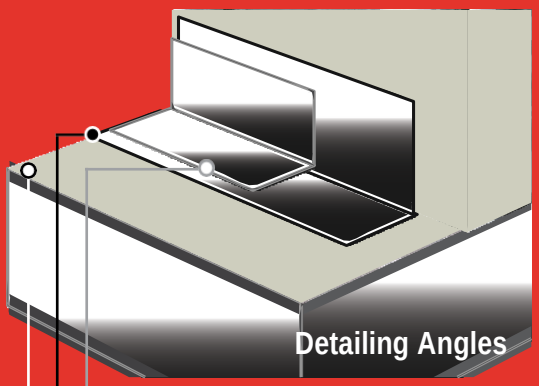
Apply a liberal first coat of Brush & Roller to the areas concerned. Pre-cut the Geo Textile reinforcing tape to size and bed into the Brush & Roller, shiny side up. Using a clean brush smooth the geotextile out forcing Brush & Roller through the GeoTextile. Apply extra Brush & Roller as required to fully coat the GeoTextile, spread any surplus Brush & Roller onto the next upstands to be coated. Try to avoid creating creases or blisters in the GeoTextile.

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 and fully over coating any existing single-ply detailing work.

When applying to services, vents etc. the GeoTextile reinforcing membrane should be pre-cut to closely follow the profile of the upstand . The reinforcing membrane should be fully embedded into the Brush & Roller, care should be taken to avoid any bridging or creases in the membrane.

Existing repairs loose or unstable repairs to be removed and new repairs carried out using GeoTextile reinforcing membrane embedded into Liquid Rubber Brush & Roller.

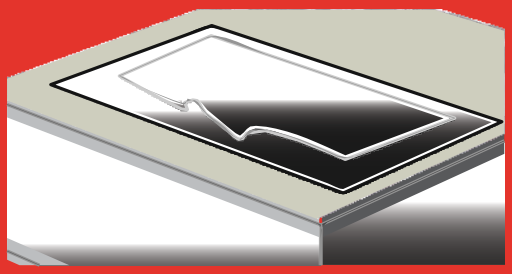
Outlets inspect the drain ware and outlets to ensure the free flow of waste water. Remove any covers or gratings, apply GeoTextile embedded into Liquid Rubber Brush & Roller as far into the outlet as possible.



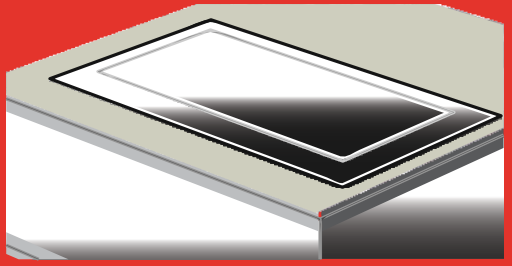
Substrate/Wall
Cleaned surface pre coated in Flood Coat.

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. Applying too much can result in greatly increasing the curing process.

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 in 2 coats. 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 Trowel Grade (Thixotropic) is simply a thicker version of the L.R Brush and Roller but has the characteristic of being more Thixotropic so improved application where heavy / uneven detailing is required.

L.R. Brush & Trowel Grade can be applied by brush or trowel. And should be applied at an average rate of 2.0Lt per sq/m in a single coat. Use area to volume calculations to ensure the correct coverage.

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.

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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 application.

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

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.