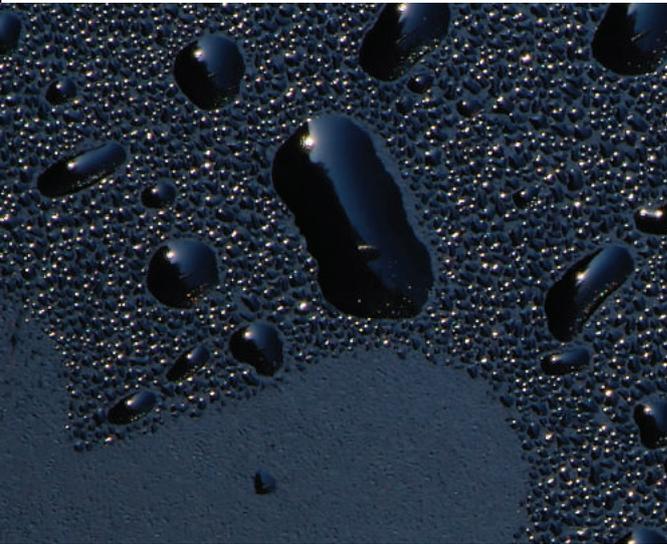


REV:6-30/09/15

Liquid Rubber

Gutter Tape Specification



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Contents:

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

Liquid Rubber

Gutter Tape Specification

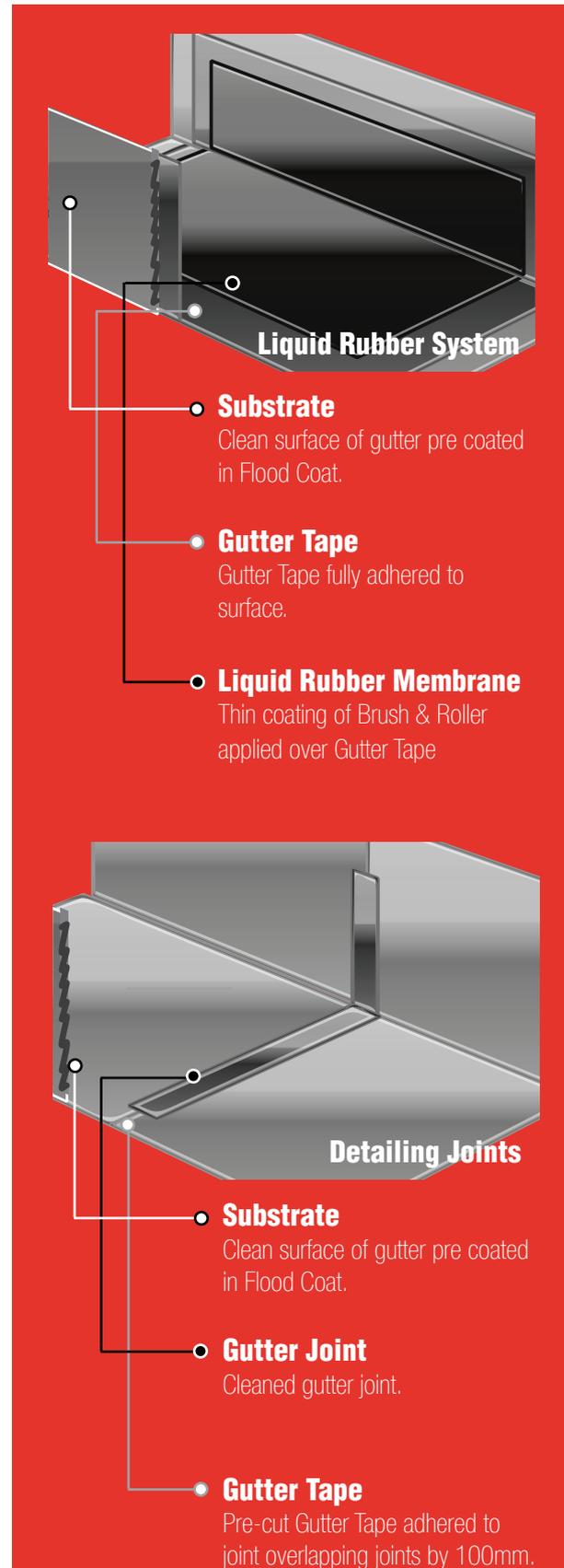
1. Gutters Preparation:

Prior to applying Liquid Rubber membranes the whole of the gutter is to be cleaned down to remove any dirt, grease, growth or contaminates. We recommend the use of a high pressure jet wash however it is the contractors responsibility to determine the most suitable method of cleaning. The main criteria is to provide a suitable, clean dry, dust free surface for the membrane to key to.

Existing repairs should be inspected, any loose or suspect repairs should be removed and resealed as necessary using Liquid Rubber Brush & Roller.

On concrete gutters we recommend a single coat of Liquid Rubber Flood Coat at a rate of approx. 4-5 sq/m per Litre. The flood coat should be applied by brush or roller and thoroughly "worked" into the surface of the gutter.

Gutter joints, where necessary a separate strip of Gutter tape should be laid over the joints lapping onto each adjoining gutter by at least 100mm.



Liquid Rubber

Gutter Tape Specification

2. Gutters Application:

After completion of the preparation works the gutter should be completely lined with Liquid Rubber Gutter Tape. The liner should be rolled out and firmly pressed into position preferably with a roller ensuring the tape is fully bonded to the gutter.

On all internal and external corners effective measures should be taken to avoid the gutter tape bridging by ensuring it is in full contact with the substrate.

All overlaps and edges should be firmly pressed or rolled preferably with a foot roller. All overlaps should be a minimum of 100mm with staggered joints.

The Gutter tape should be cut and neatly dressed into all outlets and firmly pressed into place to ensure complete adhesion.

On completion of the gutter lining we recommend coating the gutter tape with a layer of 'Liquid Rubber Brush & Roller' at a minimum application rate of 0.5Lt. per sq/m.

Liquid Rubber

Gutter Tape Specification

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 Keep out of reach of children. 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.

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.

Liquid Rubber Gutter Tape Specification

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

Concrete when new continues to emit or absorb water vapour, often, even when it appears to be dry.

Liquid Rubber Systems when applied will create a vapour barrier preventing vapour emission, causing an accumulation of water vapour pressure.

It is impossible to say how long concrete needs to be left to be sure it is “dry” as there are too many factors affecting this, the quality of the concrete, the amount of rain it receives, the temperature and humidity.

If the concrete has heavy rain on it, it will absorb some of this and take longer to dry. This can mean that in situations where the roof has been exposed to heavy rain and then exposed to hot temperatures, bubbles or blisters can appear before the Liquid Rubber System fully bonds to the roof surface; which can take up to 72 hours. Where the material has fully bonded no such blistering will occur.

In some cases the vapour pressure can cause the bubbles to burst creating pin holes.

Once the Liquid Rubber System has fully bonded no bubbling will occur as the bond strength of the membrane is circa 200 PSI whereas the vapour pressure will only be 1 PSI.

Liquid Rubber Gutter Tape Specification

Things to be aware of when applying to concrete:

For these reasons we recommend the following when applying the Liquid Rubber System to new concrete –

- Leave the new concrete for as long as possible before applying the membrane, ideally over 28 days.
- Brush any loose dust from the surface
- Apply the Liquid Rubber Flood coat to the concrete surface to settle the dust.
- Apply the Liquid Rubber System in line with manufacturer's instructions
- 3 days after application walk the roof to see if any bubbles or blisters have appeared.
- Where this has happened split the bubbles releasing the water and re-apply the Liquid Rubber to these areas
- Leave the affected areas a further 3 days to ensure that no further bubbles appear.

NOTE No new bubbles will appear after the membrane is fully bonded to the roof and the appearance of ANY bubbles is most likely on roofs that have been exposed to water or heat or a combination of both.

For any more information please don't hesitate to contact our Technical Help desk.

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