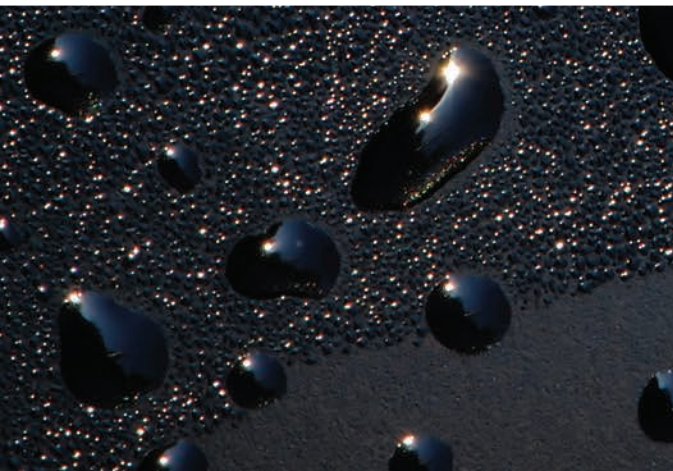
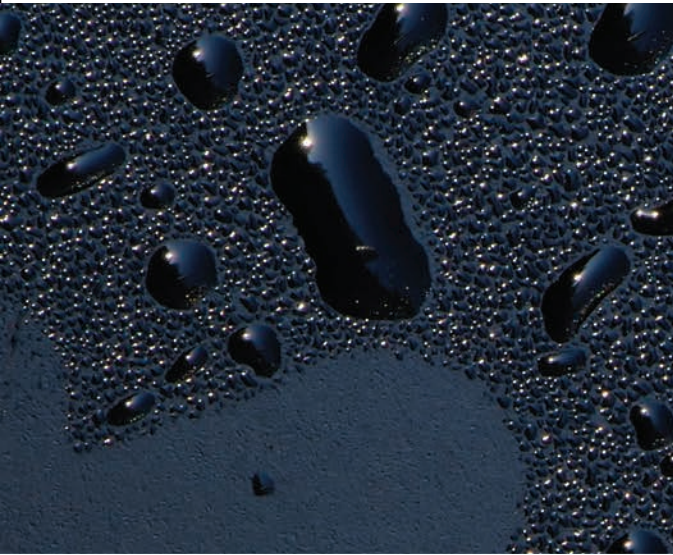


REV:2 14.06.13

# Liquid Rubber Asbestos Cement Specification





# Liquid Rubber

## Asbestos Cement Specification

### Preparation:

Prior to application of the system the substrate must be suitably prepared:

**Option 1.** A specialist surface preparation company can be employed to remove heavy build-up of moss and other friable materials utilising HSE approved systems. (For more information on asbestos cleaning contact our technical desk)

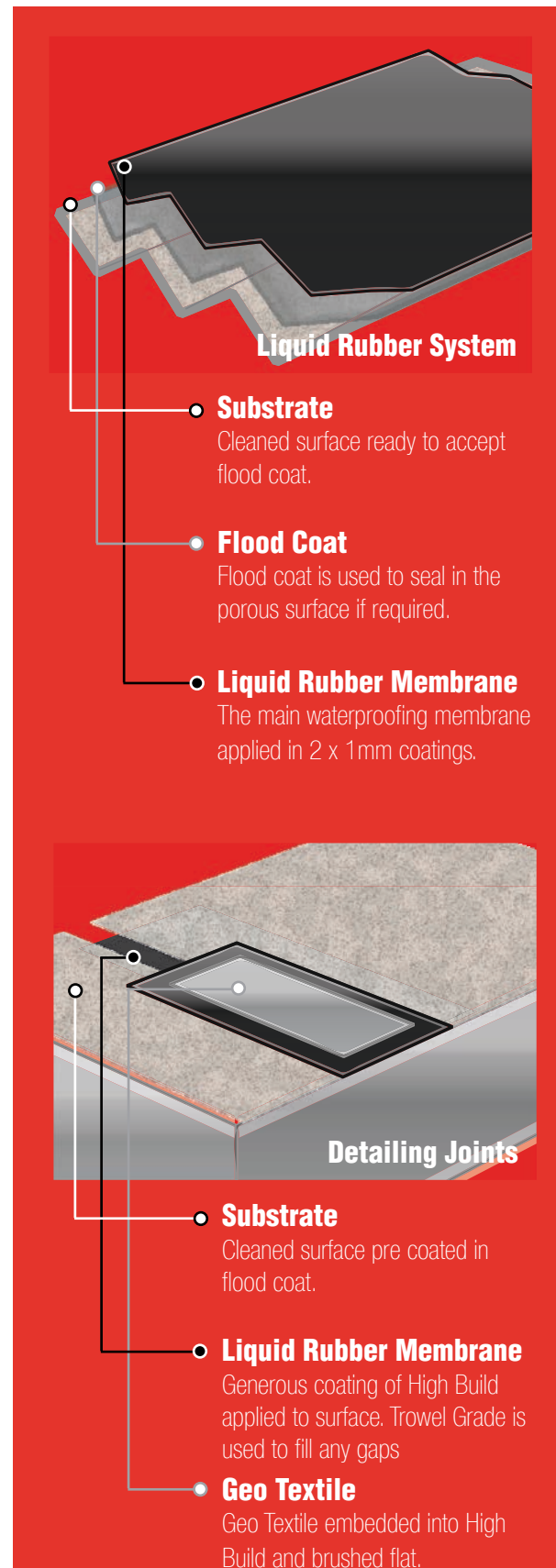
**Option 2.** When the roof is reasonably clean (little moss build-up or other growth) it is possible to treat the roof using bio-cide and Liquid Rubber Flood Coat to give a well balanced/stable surface. (For more information on asbestos cleaning contact our technical desk)

**Liquid Rubber Flood Coat** if required, flood coat can be applied by brush, roller or airless spray at an application rate of approx. 4-5 sq/m per litre. and should be applied to all surfaces requiring waterproofing.

**Upstands** to existing services, flashings, parapets etc. should be covered with High Build and GeoTextile reinforcing membrane.

**Existing fixings** brush apply Liquid Rubber Trowel Grade around the heads and washers of all exposed fixings

**Existing repairs** loose or unstable repairs to be removed and new repairs carried out using GeoTextile reinforcing membrane bedded into Liquid Rubber High Build.



# Liquid Rubber

## Asbestos Cement Specification

### Preparation:

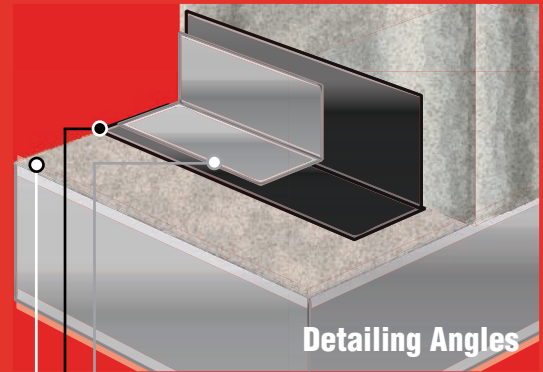
Applying LRS High Build and GeoTextile reinforcement to upstands. etc

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

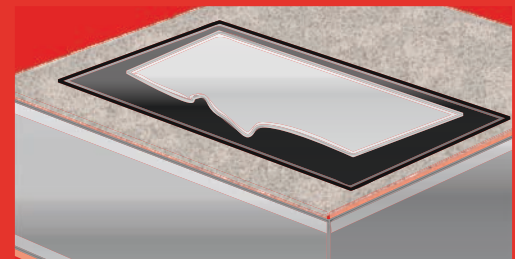
Where the membrane is required to be dressed into a mortar course it should be raked out and re-pointed with Liquid Rubber Trowel Grade. When applying the Liquid Rubber onto brickwork without dressing into the mortar course the membrane should be finished in the middle of the brick course.

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 bedded into the High Build, care should be taken to avoid any bridging or creases in the membrane.

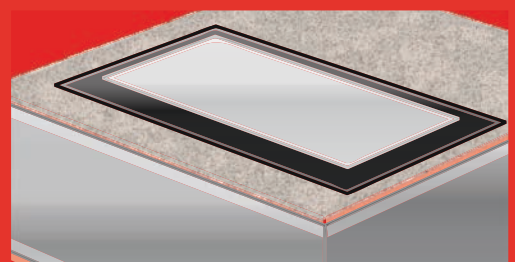
**Cracks in existing roof sheets** Liquid Rubber High Build should be applied by brush along the full length of the crack. GeoTextile reinforcing membrane should then bedded into the 'High Build' while the solution is still wet. A second coat of High Build must be applied after the first coat has dried.



- **Substrate/Wall**  
Cleaned surface pre coated in flood coat.
- **Liquid Rubber Membrane**  
Generous coating of High Build applied to surface.
- **Geo Textile**  
Geo Textile embedded into Liquid Rubber 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 High Build below.

# Liquid Rubber

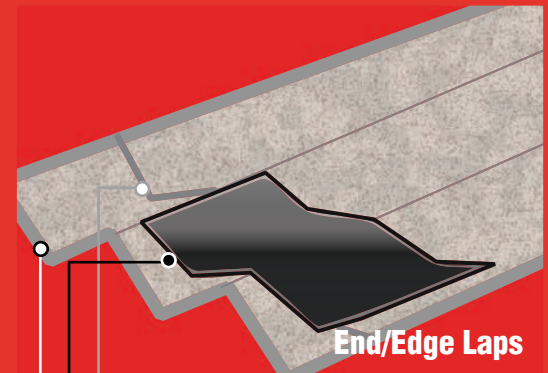
## Asbestos Cement Specification

### Preparation:

**End Laps.** Only If deemed necessary a single coat of High Build can be brush applied across the end laps to roof sheets, large gaps should be filled with Liquid Rubber Trowel Grade. Similarly any damaged corners or exposed mitres should be filled with Liquid Rubber Trowel Grade.

**Side Laps** Liquid Rubber High Build with GEO Textile reinforcing membrane should be applied as previously described to any suspect side laps in the fibrous cement sheets and roof lights.

**Bolt Heads/Fixings** Care should be taken to ensure all bolt heads and fixings and the surrounding surface extending 15mm are coated with a combination of Liquid Rubber Trowel Grade and Liquid Rubber High Build. It is the responsibility of the contractor to choose the appropriate materials to be used depending on the precise nature of the fixings, what is essential is that the finished coating is not penetrated by any of the bolt heads or fixings.



- **Substrate**

Cleaned Asbestos sheet.

- **Edge Lap**

Cleaned edge lap free of dirt and debris.

- **Liquid Rubber High Build**

Generous coating of High Build overlapping joints by 100mm. Use Geo Textile if required.



**Bolt Head/Fixing** exposed bolt head



**Liquid Rubber High Build** applied to the exposed bolt head and the surrounding area.

# Liquid Rubber

## Asbestos Cement Specification

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

**Coverage Rate** When using Liquid Rubber High Build 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.

**Surface Area** When calculating areas be sure to include the surface area to avoid a shortfall in product.

### 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.

### Application:

**Liquid Rubber High Build** 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. High Build 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.

# Liquid Rubber

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

### Additional Information:

**Liquid Rubber Top Coat** (Optional). Liquid rubber is UV resistant and is not significantly affected by solar gain. 'Grey Top Coat' can be applied to the Liquid Rubber membrane to provide a solar reflective finish. 'Liquid Rubber Top Coat' should be applied at a coverage rate of 5 sq/m per Litre.

**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.