



Liquid Roofing Systems Ltd

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RapidRoof General Primer, Waterproof & Anti-Skid TDS

REV: PJ0822RR

- Read Safety Data Sheets before using this product

Description: RapidRoof is LRS' unique PMMA, high performance, rapid curing, cold liquid applied range of waterproofing. With a typical curing time of 20 minutes our Rapid Range of products are suitable for year-round application. Applied by brush or roller, RapidRoof is one of the fastest and most cost-effective waterproofing options for both commercial and residential projects.

Uses: RapidRoof is designed so that it can be applied directly onto most surfaces without the need for primer. This means that it can be incorporated into the building of a new roof; applied onto OSB3 boards. Alternatively used to overcoat existing old or failed membranes including; felt, asphalt, metal, GRP etc, eliminating the need for stripping the roof and disturbing the substrate, saving time and money whilst limiting disruption on site.

Application: Once the surface is cleaned and fully prepared RapidRoof can be applied using a brush or short piled roller. Application surface temperatures must be between 0°C and 40°C. RapidRoof should always be applied in 2 coats. All joints / vulnerable areas need to be reinforced using LRS detailing Primer and LRS Joint Tape. Once cured apply 2 coats of RapidRoof.

Colour –

Clear, Grey or Black

RAL -

7031

Flash point -

10°C

Ignition Temp -

275°C

Elongation -

200%

Cure Time -

Approx. 20 mins

Surface Temp –

0°C – 35°C

Vapor pressure at 20°C –

38.7 hPa

Density at 20°C

1.6g/cm³





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Roller / Brush Application:

Apply using a 4" rad roller for detail work along with a 25mm brush for stabbing in all Joint Tape to ensure it is tight to the surface, leaving a creases or fish mouths. Once detail work is complete a 9" roller can be used to complete the main roof area when applying the RapidRoof.

Coverage Rates: LRS Detailing

Primer needs to be applied at a coverage rate of 0.3kg per m² and allowed to fully cure, typically around 20 minutes depending on weather conditions. First coat of RapidRoof is applied at a coverage rate of 1kg per m² which typically cures around 20 minutes. Once cured the second coat of RapidRoof is applied at a coverage rate of 0.5kg per m², again cures in approx. 20 minutes. Anti-Skid is applied at a coverage rate of 1kg per m². LRS recommends leaving each coat approx. 1 hours to ensure the coat is completely dry.

Mixing the Catalyst: It is advised that all products are mixed using a paddle mixer where available, or with similar apparatus. Ensure all products are mixed thoroughly to ensure even curing. Typically, 1 minute of mixing is sufficient. All products within the RapidRoof range are two-part, base product and catalyst. Once catalyzed (catalyst mixed into the base product) you will have up to 20 minutes in which to apply the product to the required area or application. It is advised to always decant only the amount of product that can be applied within 10 minutes to avoid unnecessary wastage and avoid shortage of product. When applying the product, it is advisable to pour directly onto the surface to avoid any accelerated curing that can occur from excess heat generated within the tin by the catalysing process.

Catalyst Ratio: The catalyst ratio equates to 2% of the main product, 20g of catalyst to every 1kg of product.

Product Volume	Catalyst
1KG	20g
5KG	100g
10KG	200g

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

Packaging:

Detailing Primer –
1.5kg, 3kg, 5kg
RapidRoof waterproof -
5kg, 7.5kg, 10kg
Anti-Skid –
5kg, 10kg
Joint Tape –
100mm x 25lm
100mm x 180m

