

J31 LIQUID APPLIED WATERPROOF ROOF COATINGS

To be read in conjunction with Preliminaries/General Conditions

TYPES OF COATINGS

110 Liquid Applied Roof Coating for weatherproofing penetrations through roofs and walls, roof junction details and gutters

- Drawing reference(s): N/A
- Base (Substrate for Coating): Metal Profile Roofing
- Preparation: Must be dust and grease free
- Waterproofing Coating: Aperture Weathering System
- Manufacturer: Aperture
Richmond Road
Trafford Park
Manchester
M17 1RE

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Primer reference: Dependent on what surface is being coated:

Coated metal such as Plastisol will not normally require a primer

Mordant T Wash to be used on any bright un-weathered galvanized surfaces prior to priming.

“MC Metallic Primer” to be used on any bare metal surfaces.

“MC Binder/Sealer” to be used on felt, asphalt, concrete surfaces.

Coating System reference: Aperture Weathering System

Application: Aperture Weathering System

Laid by Aperture in accordance with Aperture Instructions.

Additional Notes as clauses 210, 410,420,521,910,940

Embedment Coat	1.0 m ² / Litre (1.0Litres/m ²)
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Protection Coat	2.0 m ² / Litre (0.5 Litres/m ²)
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Notes

Embedment Coat to be fully reinforced using, Aperture Regular Glass fibre Mat

Reinforcement: Aperture 100 gm⁻² Glass fibre Mat
1.7mm

Surface Protection: Not Required

GENERAL REQUIREMENTS

210 Roof Coating Generally

- Apply coatings to provide a firmly adhered, free draining and completely weatherproof detail.
- Ancillary products and accessories, where not specified, to be types recommended for the purpose by Aperture.
- Use only Aperture trained technicians for the application of Aperture Weathering System

EXECUTION GENERALLY

410 Adverse Weather

- Roof coating must not be applied in wet conditions or at temperatures below 5⁰ C.
- Suspend work in severe continuous wet weather unless an effective temporary roof is provided over the working area.
- If unavoidable wetting of the construction or coatings during application does occur, take prompt action to minimise and make good any damage.
- Coating must not be applied in windy conditions (wind speeds in excess of 7m/s) unless adequate temporary windbreaks are erected.

420 Suitability of Substrate

Before applying roof coatings ensure that:

- Surfaces to be coated are firmly fixed, clean, dry, smooth, and free from frost, contaminants, loose materials, voids, protrusions and organic growths.
- All preliminary work including formation of up stands, kerbs, box gutters, sumps, grooves, chases, expansion joints, etc. and fixing of battens, fillets, anchoring plugs/strips, etc. is complete and satisfactory.
- Existing coverings and/or new construction are approved by Aperture for compatibility with their products

EXISTING SUBSTRATES

521 Sterilization Treatment:

- Use approved detergents for more effective washing and to remove oil and grease. Organic growth can be treated using an approved fungicide wash.

SURFACING/COMPLETION

910 Inspection of Roof Coating:

- Check coating surfaces when cured for pinholes and discontinuities.
- Defective areas: apply another layer of coating

940 Completion:

- Ensure that:
- Detail areas are left clean.
- Work necessary to provide a weather-tight finish: complete.
- Storage of materials on finished surface: Not permitted.