

Technical specification

In liquid form (before application):

| PROPERTY | UNITS | METHOD | SPECIFICATION |
|---|--------------------|---|---------------|
| Viscosity (BROOKFIELD) | cP | ASTM D2196 - 86, @ 25°C | 5000 - 7000 |
| Specific weight | gr/cm ³ | ASTM D1475 / DIN 53217 / ISO 2811, @ 20°C | 1.4 - 1.5 |
| Flash point | °C | ASTM D93, closed cup | 42 |
| Tack free time, @ 77°F (25°C) & 55% RH | hours | - | 2 - 3 |
| Recoat time | hours | - | 6 - 48 |

The cured membrane:

| PROPERTY | UNITS | METHOD | SPECIFICATION |
|--|---------|-----------------------------------|-------------------------|
| Service temperature | °C | - | -40 to 80 |
| Max. temperature short time (shock) | °C | - | 200 |
| Hardness | Shore A | ASTM D2240 / DIN 53505 / ISO R868 | 80 |
| QUV Accelerated Weathering Test (4hr UV, @ 60°C (UVB - Lamps) & 4hr COND @ 50°C) | - | ASTM G53 | passed (2,000 hours) |



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Description

ClassicLiquid Detail Coating is a thixotropic, fibre reinforced, single component, polyurethane liquid membrane.

Due to its unique formulation it cures rapidly to form a bubble free thick layer membrane with excellent mechanical properties. The reinforcing fibres within the product enable the applicator to form complex weathering details without the need to cut and shape sheet reinforcing material. Due to its thixotropic properties it is less prone to sagging when applied to vertical surfaces.

Apply with brush or roller.

Recommended For

- ◆ Internal and external corner details as reinforcing detail
- ◆ Detailing around pipes and flashings as reinforcing detail
- ◆ Reinforcing of joints in OSB Decking or approved insulation boards
- ◆ Application into concrete gutters
- ◆ Ideal for vertical up stand work as less prone to sagging
- ◆ Deck/ wall interface reinforcement

Features & Benefits

- ◆ No additional reinforcement necessary
- ◆ Fast Curing. Skins over in 2-3 hours
- ◆ Thixotropic. Less prone to sagging and slump
- ◆ Bubble and defect free membrane
- ◆ Excellent weather and UV resistance
- ◆ Excellent thermal resistance, the product never turns soft. Recommended service temperatures 80°C, max shock temperature 200°C
- ◆ Remains elastic down to -40°C
- ◆ Excellent mechanical properties, high tensile and good tear strength, high abrasion resistance
- ◆ Good chemical resistance

Application Procedure

- ◆ It is essential that the intended substrate is thoroughly cleaned with a high pressure washer, on smaller areas a stiff broom and soapy water will suffice. Remove all oil, grease and wax contaminants, cement laitance and loose particles. Make good all cracks and blisters, fill surface irregularities with a suitable product. Allow to fully dry.
- ◆ Apply ClassicLiquid Primer at a sufficient coverage rate to seal the surface. Primer coverage rates will vary dependant on surface porosity.
- ◆ Allow primer coat to fully dry.

Coverage Rates

As a stand-alone coating:

Minimum coverage rate 1.8kgm²

As a joint reinforcing or detailing membrane:

Minimum coverage rate 1.0kg m². Must be over coated with ClassicLiquid Waterproof Coating within 48 hours or further application of ClassicLiquid Primer will be required.

Cleaning

Clean tools and equipment initially with paper towels and then with a suitable solvent.

Roller heads will not be re-useable.

Precautions

Contains Volatile, Flammable Solvents.

Always apply in well ventilated areas.

No smoking or naked flames are permitted until the membrane or primer has fully cured. Please be aware that solvent fumes are heavier than air. If the product is to be used in enclosed spaces then ventilators and active carbon filter masks must be worn.

Packaging and Shelf Life

5kg & 15kg metal drums

Can be kept for a minimum of 12 months in the original unopened pails in dry conditions at temperatures between 5°C-25°C.

Once opened use as soon as possible.

