

MasterSeal® 617

High build fibrated bitumen emulsion

DESCRIPTION

MasterSeal 617 is a single component brush applied high build fibrated bitumen emulsion containing mineral fillers, stabilizing additives, and non-asbestos fibres which dries to provide to form a continuous seamless waterproof membrane which can fill and seal hairline cracks, pinholes and minor surface imperfections

PRIMARY USES

MasterSeal 617 is effective on a large variety of surfaces including:

- Concrete
- Asbestos cement
- Asphalt
- Lead
- Zinc
- Roofing felt
- Corrugated iron

TYPICAL APPLICATIONS

MasterSeal 617 can be used:

- To protect concrete against acidic and salty ground waters.
- Waterproofing membrane in sandwich construction.
- General purpose waterproofing and repair compound for pitched or flat roofs

PACKAGING

MasterSeal 617 is available in 200 litre drums.

STANDARDS

ASTM D1227

TYPICAL PROPERTIES*

Solids content	50% +2%
Weight per litre	1.00 kg/litre
Service temperatures	Approx. 10°C to 80°C
Flashpoint	non flammable
Consistency	Thixotropic liquid
Heat Resistance @ 100°C	No sag, blistering or slippage
Drying time @21°C and 50% Humidity	12 hours

APPLICATION GUIDELINES

Roofs:

Should be applied on surfaces which are structurally sound and stable. Prior to use of **MasterSeal 617** roof structures should be inspected for damages and all loose tiles and sheets to be replaced or repaired.

Penetration of the surface is of great importance and will influence the degree of adhesion and life of the renovation. All roof surfaces to be coated should be sound, stable, clean and free from loose debris, dirt and grease. All traces of algae and fungi growth should be removed using a stiff bristled brush or broom.

While minor cracks and defects will be effectively filled and covered by the coating, cracks in excess of 3 mm width should first be treated and filled with bitumen mastic and allowed to cure before proceeding with the coating application.

Method of application

By brush, broom, trowel or squeegee.

COVERAGE / YIELD

0.8-1.2 litre / m²

DFT achieved at above coverage rate of 0.4-0.6mm.

MasterSeal[®] 617

STORAGE AND SHELF LIFE

Store between 10°C-40°C. Shelf life is a minimum of 12 months in original factory sealed containers. Store under cover, out of direct sunlight and protect from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult Master Builders Solutions Technical Services Department

HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product is fully cured or dried). Treat splashes to skin and eyes immediately. If accidentally ingested, seek medical attention. Reseal containers after use. For further information refer to the Material Safety Data Sheet.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

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NOTE

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