

MasterSeal[®] 618

Non-fibrated rubberised bitumen emulsion coating

DESCRIPTION

MasterSeal 618 is suitable for the treatment of concrete, asphalt, metal, roofing felt and other similar roofing surfaces whether flat, sloping or vertical. Where added protection is required on roofs, **MasterSeal 618** may be used in conjunction with a reinforcing fabric.

TYPICAL APPLICATIONS

General damp-proofing of concrete, asbestos cement sheets, roofing felts, wood etc.

ADVANTAGES

- Vapour permeable allows substrate to breathe
- Reduced chloride penetration due to hard impermeable surfaces
- Simple and easy to use, no skilled labour required
- Single component, use as supplied. Solvent free
- Cold applied, no heating required. Non-slumping
- Easy application due to paintable consistency, suitable for new and old concrete

PACKAGING

MasterSeal 618 is supplied in 20 and 200 litre units.

STANDARDS

ASTM D2939

TYPICAL PROPERTIES*

Solids content	35%
Rubber content	5%
Specific gravity @ 25°C	1.10
Drying times	Touch dry 2-3 hours Hard dry 6 hours
Viscosity	15-25 poises
Service temperature	-10°C to 85°C

APPLICATION GUIDELINES

SURFACE PREPARATION

Surface to which **MasterSeal 618** is to be applied must be clean and free of dirt, dust, rust or any other material which may impair adhesion. Where moss or lichen is present, remove sheets. Cut and reseal blisters in asphalt or roofing. Remove chippings other than those that form the surface of mineralised felt.

Old concrete and steel must be structurally sound prior to application.

PLACING / APPLICATION

Apply by brush or roller. Two or more coats must be applied to ensure a durable finish. Second and subsequent coats should be applied at right angles to each other once previous coats have fully dried.

MasterSeal 618 may be applied to damp but not wet surfaces, dampen brushes before and occasionally during use to avoid clogging and ease application. During hot, dry weather application may be assisted by dampening the surfaces to be treated.

REINFORCING SYSTEM

For slate roofs or where the roof is in poor condition, a reinforcing membrane should be incorporated into the coating. Carry out surface preparation as above and apply the first coat of **MasterSeal 618**. Whilst still wet, bed in the reinforcing fabric brushing in well to ensure good adhesion. Adjacent, areas of membranes should overlap by 75mm.

After the fabric has been well bedded in apply a second coat of **MasterSeal 618**. Apply two further coats of **MasterSeal 618** ensuring the previous coat is fully dry prior to subsequent applications. Clean tools with water whilst wet. When dry, white spirit or paraffin should be used.

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COVERAGE / YIELD

Coverage rates vary according to the density, porosity and texture of the concrete to be treated.

Typically, a coverage rate of 3-5 m² / litre / coat (minimum 2 coats required).

STORAGE AND SHELF LIFE

Store in shaded warehouses away from heat, humidity or moisture. Shelf life will be 12 months.

HEALTH AND SAFETY

As with all chemical products, care should be taken to avoid contact with skin, eyes, mouth and foodstuffs. Treat splashes to eyes and skin immediately, by thorough washing with clean water. If ingested, seek medical attention.

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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