

MasterSeal[®] M 260

Pigmented, elastomeric and protective waterproof coating for concrete and concrete structures

DESCRIPTION

MasterSeal M 260 is an elastomeric coating based on styrene acrylic co-polymers. Applied as a liquid it cures to form a durable, protective, waterproof membrane. It is a single component emulsion containing inert pigments suitable for application by brush, spray or roller.

MasterSeal M 260 prevents chloride ion ingress.

PRIMARY USES

MasterSeal M 260 is designed as a seamless and elastomeric waterproofing coating for timber, asbestos / fiber cement and zinc sheets, asphalt, built-up felt and tiles.

AREAS OF APPLICATION:

- Concrete repairs.
- Commercial buildings.
- Industrial buildings.
- Waterproofing a variety of substrates.
- Flat roofs and sloping roofs
- protective coating for spray applied Polyurethane foam insulation

ADVANTAGES

- Elastomeric - capable of bridging cracks.
- Easily applied by roller, brush or airless spray.
- Provides barrier against salts and atmospheric gases.
- Waterproof - protects concrete from waterborne salts.
- U.V. stable - maintains its appearance.

PACKAGING

MasterSeal M 260 is supplied in 20 Kg units.

PROPERTIES

Properties	Values	Test Standards
Color	White/Grey/Cream	-
Appearance	Thixotropic Liquid	-
Solid content by weight (%)	55±3	-
Density (g/l)	1.3±0.05	ASTM D 1475 16
Tensile Strength (MPa)	>1	ASTM D 412
Elongation (%)	> 150	ASTM D 412
Tear Strength (N/mm)	>10	ASTM 624 ANGLE C
UV resistance @ 300 hours	No color change, no chalking, no cracking & no flaking or blistering	ASTM G154-16
Crack Bridging Capability	>2 mm	ASTM C 836
Application Temperature	10 to 40°C	-

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APPLICATION PROCEDURE

MasterSeal M 260 can be applied by brush, roller or airless spray equipment. For airless spray application dilute with approx. 5 to 10% by weight of potable water. Use a tip size of 19-23 thou.

SURFACE PREPARATION: CONCRETE

All concrete surfaces should be treated to achieve a sound, clean surface free from laitance, oil, grease, mold release agent, residual curing compound, dust or other contaminants that could impair adhesion.

ROOF WATERPROOFING

Surfaces to be treated should be clean and dust free. All traces of oil, grease, mold release agent and residual curing compounds should be removed together with any other contaminant that could impair adhesion. Previous waterproofing treatments should be either completely removed or put in order. Cracked, broken, slipped or missing tiles, sheets, slates or other forms of covering must be replaced or re-fixed. Cracks in asphalt or built-up felt systems should be filled with mastic and allowed to cure.

APPLICATION:

MasterSeal M 260 is applied to the prepared surface in two coats, the first being allowed to dry, before the second is applied.

In hot dry climates, application will be assisted by dampening brushes.

Where the roof is in poor condition, or where substantial movement is expected in the roof structure, apply a sandwich system incorporating reinforcing fabric.

In this application, the fabric is bedded into the wet film of the first coat of **MasterSeal M 260** using a charged brush. Ensure that full contact is achieved and there is no air entrapped. Apply a second coat of **MasterSeal M 260** when the first has dried, at right angles to the first.

WEATHER CONDITIONS

MasterSeal M 260 is not resistant to rain until the film has dried. This may take less than 45 minutes in hot dry climates and up to 24 hours in temperate humid conditions. Generally the product should not be applied in rain or if rain is forecast.

Similarly, **MasterSeal M 260** will freeze in its wet state so should not be applied to frozen substrates or when the temperature is below 10°C or likely to fall during application.

COVERAGE

Approximately 0.870 kg/m² to achieve a DFT of 400 microns (applied in a minimum of two coats).

Minimum coverage: 0.540 kg/ m² to achieve a DFT of 250 microns.

STORAGE

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. 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's Technical Services Department.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.

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NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and Master Builders Solutions ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

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CONTACT

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Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

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