

# MasterSeal 913

## A single component polyurethane-based adhesive

### MATERIAL DESCRIPTION

**MasterSeal 913** is a single component moisture curing, polyurethane adhesive with medium-low viscosity, specially formulated to bond fleece backed TPO and PVC membranes for roofs and deck waterproofing.

### USES

For fully bonded MasterSeal TPO and PVC Membranes.

### PACKAGING

**MasterSeal 913** is supplied in 12kg cans.

### CONSUMPTION

Minimum consumption is of about 150-250g/m<sup>2</sup> on smooth and not very porous surfaces and can also be significantly increased on porous and rough surfaces.

The quantities are always purely indicative and should be evaluated considering the specific situation that may be encountered on jobsite.

### TYPICAL PROPERTIES\*

Specific weight @ 20°C	1.12 ± 5% g/cm <sup>3</sup>
Water solubility	Insoluble
Viscosity @ 20°C	2.500 ± 500mPas

### APPLICATION

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

The **MasterSeal 913** can be spread and levelled using a brush, or another similar tool. The adhesive must be applied on the whole support surface creating a thin and uniform layer. On dry substrates, it is important to proceed by wetting it using sprayed water.

After 5-15 minutes from the application (according to the related environmental and support humidity), when the glue starts his reaction of foaming becoming white, it is possible to proceed by laying the membrane.

First curing is after 2-4 hours while maximum adhesion level is normally obtained within 24-48 hours.

Do not dilute the adhesive **MasterSeal 913** with solvents or diluents.

### CLEANING TOOLS

All equipment to be cleaned with MasterTop THN 2.

### SPECIFIC INSTRUCTIONS

Do not use any solvents containing alcoholic groups.

### SHELF LIFE

The shelf life is 10 months.

### STORAGE

Store under cover, out of direct sunlight, and protect from extremes of temperature. In tropical climates the product must be stored in an airconditioned 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' Technical Services Department.

### HEALTH AND SAFETY PRECAUTIONS

The material is flammable and therefore ensure that it is kept away from fire. Stores must be well ventilated.

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 specific storage and disposal instructions refer to the Material Safety Data Sheet.

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### NOTE

Technical support, where provided, does not constitute supervisory responsibility. For additional information contact your local MB Construction Chemicals Solutions South Africa (Pty) Ltd representative. MB Construction Chemicals Solutions South Africa (Pty) Ltd shall not be liable for technical advice provided.

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be, an admission of liability or an assumption of any risk, loss, damage or liability.

### QUALITY AND RESPONSIBLE CARE

All products originating from MB Construction Chemicals Solutions South Africa (Pty) Ltd are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, environmental and occupational health and safety standards.

\* Properties listed are based on laboratory controlled tests.

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