

MasterSeal[®] 913

A single component polyurethane-based adhesive

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 12 kg cans.

TYPICAL PROPERTIES*

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

APPLICATION GUIDELINES

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's 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.

Specific Instructions

Do not use any solvents containing alcoholic groups.

CLEANING

All equipment to be cleaned with a suitable thinner (Xylene / MEK / Acetone).

CONSUMPTION

Minimum consumption is of about 150-250 g/m² 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.

STORAGE AND SHELF LIFE

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.

The shelf life is 12 months when stored as above.

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.

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HEALTH AND SAFETY

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.

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.

® = Registered trademark of the MBCC Group in many countries.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

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