

# MasterSeal<sup>®</sup> 916

A ready-for-use contact adhesive for MasterSeal TPO Roofing Systems

## DESCRIPTION

**MasterSeal 916** is a ready-for-use contact adhesive, flammable, specially formulated to bond non-fleece backed polyolefine membranes for various substrates.

It is used in the **MasterSeal TPO** Waterproofing Range as bonding of membrane on vertical and horizontal surfaces.

## USES

For fully bonded **MasterSeal TPO Membranes**.

## PACKAGING

**MasterSeal 916** is supplied in 6 litre cans.

## TYPICAL PROPERTIES\*

Specific weight @ 20°C	790 ± 10kg/m <sup>3</sup>
Viscosity @ 20°C	3.500 ± 500mPas
Solids content	30.5 ± 1.0%
Water solubility	Non-soluble

## 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 adhesive **MasterSeal 916** must be spread and levelled using a brush, roller or another similar tool. This should be applied on the entire surface of the two layers (substrate and membrane) to be glued.

After verifying the tackiness where the glue is applied, pressure should be placed using a metal or rubber roller to ensure full contact bonding of the membrane to the substrate.

The setting of the adhesive is immediate, while maximum adhesive level is obtained within few days.

## SPECIFIC INSTRUCTIONS

Do not use with polystyrene boards.

## CONSUMPTION

The consumption is 500g/m<sup>2</sup> to be applied on the whole surface of the two layers to be glued (substrate and membrane). The quantities are always purely indicative and should be evaluated considering the specific situation that may be encountered on jobsite.

## CLEANING

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

## 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 6 months.

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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