

MasterSeal[®] M 262

Polyurethane liquid membrane for waterproofing of wet rooms and non-exposed applications

DESCRIPTION

MasterSeal M 262 is a one component unmodified pure polyurethane fluid which cures with the humidity in the atmosphere. It produces a highly elastic, hydrophobic membrane and has been designed to offer excellent long-term waterproofing of wet rooms, substructures and any application not exposed to UV. The rheology of the material is such that it allows easy application even on vertical substrates.

RECOMMENDED FOR

Waterproofing of:

- Wet rooms
- Damp-proof coating for foundations
- Flat roofs, under tile or screed
- Verandas and balconies (under protection)
- Pile head and MEP penetration detailing for **MasterSeal 730PA** system

LIMITATIONS

Not recommended for:

- UV exposure
- Not recommended for applications where high temperatures are involved.

ADVANTAGES

- Highly elastic
- Easy application even on vertical substrates
- Resistance to cold: The film remains elastic even down to -40°C
- Non-toxic after full cure
- Water vapour transmission: The film breathes so there is no accumulation of humidity under the coat

PACKAGING

MasterSeal M 262 is supplied as 25kg unit.

STANDARDS

Complies to ASTM C836

TYPICAL PROPERTIES*

| | |
|---|-------------------------|
| Specific gravity @ 25°C | 1.5 g/cm ³ |
| Service temperature | -40°C to 60°C |
| Shore A Hardness ASTM D2240 | 50 |
| Tensile strength ASTM D412 | 1.5 N/mm ² |
| Elongation ASTM D412 | >700% |
| Water penetration BS EN 12390 Part 8 | Nil |
| Water vapor transmission ASTM E96 | 0.55 g/h-m ² |

APPLICATION PRE-REQUISITES

Can be successfully applied on:

Concrete, fibrous cement, mosaic, cement roof tiles, old (but well adhered) acrylic and asphalt coats, wood, corroded metal, galvanized steel. For information about other substrates, please contact our Technical Services Department.

Standard concrete substrate conditions:

Surface moisture <4%
Temperature: 5-35°C

APPLICATION GUIDELINES

SURFACE PREPARATION

The surface to be coated must be clean, dry free of laitance, oil, grease or any substance that may impair adhesion.

The preferred method of surface preparation are; captive blasting, surface grinding or similar.

Weak or damaged concrete must be removed, then replaced with a suitable repair compound from the **MasterEmaco** or **MasterBrace** range of products.

PLACING / APPLICATION

Apply with brush, roller or trowel in one or two coats with minimum total consumption of 1.5kg/m² to achieve 1mm dft.

Do not exceed 48 hours between coats.

MasterSeal[®] M 262

CLEANING

Clean tools and equipment first with paper and then using a suitable thinner (Xylene / MEK / Acetone). Rollers will not be re-usable.

COVERAGE / YIELD

A minimum total consumption of 1.5 kg/m².

STORAGE AND SHELF LIFE

The shelf life is 12 months in original unopened pails in stored in dry places and at temperatures of 5-25°C.

Once opened, use as soon as possible.

HEALTH AND SAFETY

The MSDS (Material Safety Data Sheet) is available on request.

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.

MBS_CC-UAE/SI_M262_04_16/v4/07_17/v5/04_18/v6/05_21/v7/06_23

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.

