

MasterSeal 752 TDE

Synthetic membrane of TPO

MATERIAL DESCRIPTION

MasterSeal 752 TDE synthetic liner of TPO modified polyolefin produced as a softer membrane to aid detailing work.

TYPICAL APPLICATIONS

MasterSeal 752 TDE can be applied in the following circumstances:

- Exposed roofing laid loose.
- Exposed roofing mechanically fixed.
- Exposed roofing fully bonded.
- Landscaped areas and roof gardens.

ADVANTAGES

- It has superior mechanical characteristics and has an extremely high resistance to weathering and ultra violet rays.
- High mechanical properties and resistance to puncturing.
- Rot-proof.
- Resistance to root penetration.
- Good resistance to microbial attack.
- Long life expectancy.

PACKAGING AND ROLL SIZE

MasterSeal 752 TDE is supplied 1.5 mm thick, width of 2.1 meters and length of 20 meters.

APPLICATION PROCEDURE

Usually applied by a Specialist Applicator. Please contact Master Builders Solutions for specific application assistance.

STORAGE

Store out of direct sunlight, clear of the ground and on pallets.

WATERTIGHT SYSTEMS & ENGINEERED SOLUTIONS

Master Builders Solutions provides systems and engineered solutions, to suit the structure, at the design and construction stages, to ensure water tightness. Various products and elements which form an integral part of a system are manufactured and approved by Master Builders Solutions.

The following ranges of products are available:

- MasterSeal range - Active and passive joint treatment preformed membranes.
- MasterSeal range - Liquid applied membranes and protective coatings.
- MasterFlow range - High performance grouts.
- MasterEmaco and MasterBrace ranges - Repair materials.

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.

MB Construction Chemicals Solutions South Africa (Pty) Ltd reserves the right to have the true cause of any difficulty determined by accepted test methods. Undertaking such tests is not, and shall not be deemed to 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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PHYSICAL / CHEMICAL PROPERTIES*

Thickness	1.5 mm	UNI EN 1849 - 2
Weight	1.50 kg/m ²	UNI EN 1849 - 2
Tensile strength	≥ 15 N/mm ²	UNI EN 12311 - 2
Elongation at break	≥ 500 %	UNI EN 12311 - 2
Tear Resistance	≥ 80 N/mm	UNI EN 12310 - 2
Resistance to impact	≥ 600 mm	DIN 16726 - 5.12
Low temperature flexibility	≤ - 35°C	UNI EN 495 - 5
Hydrostatic pressure resistance (6 hours at 5 bar)	waterproof	UNI EN 1928 method. B
Resistance to artificial weathering (UV)	no cracking	UNI EN 1297
Hail resistance at rigid support	≥ 25 m/s	UNI EN 13583
Resistance to static punching	≥ 20 kg	UNI EN 12730

DISCLAIMER

The technical information and application advice given in this MB Construction Chemicals Solutions South Africa (Pty) Ltd 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.