

# MasterSeal<sup>®</sup> 752TDE

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## Synthetic membrane of TPO

### DESCRIPTION

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

### TYPICAL APPLICATIONS

**MasterSeal 752TDE** can be applied to assist detailing 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 SIZES

**MasterSeal 752TDE** 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 Construction Chemicals for specific application assistance.

### WATERTIGHT SYSTEMS & ENGINEERED SOLUTIONS

Master Builders Solutions Construction Chemicals 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 and preformed membranes
- **MasterSeal** range - Liquid applied membranes and protective coatings
- **MasterFlow** range - High performance grouts
- **MasterEmaco** and **MasterBrace** ranges - Repair materials

### STORAGE

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

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## PHYSICAL/CHEMICAL PROPERTIES\*

Thickness	1.5 mm	UNI EN 1849 - 2
Weight	1.50 kg/m <sup>2</sup>	UNI EN 1849 - 2
Tensile strength	≥ 15 N/mm <sup>2</sup>	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

### NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

### QUALITY AND CARE

All products originating from Master Builders Solutions's 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 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 standards.

\* Properties listed are based on laboratory controlled tests.

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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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