

MasterSeal[®] 752TDE

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 BASF Construction Chemicals for specific application assistance.

WATERTIGHT SYSTEMS & ENGINEERED SOLUTIONS

BASF 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 BASF. 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.

MasterSeal® 752TDE

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

NOTE

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

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

QUALITY AND CARE

All BASF Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and BASF ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF 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 BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.