

# MasterSeal® 706PZ

Synthetic membrane of plasticised PVC

## DESCRIPTION

**MasterSeal 706PZ** is a synthetic membrane used for the protection of **MasterSeal** PVC membrane in areas requiring a high degree of protection or an economical second layer of waterproofing.

## TYPICAL APPLICATIONS

**MasterSeal 706PZ** can be applied in the following circumstances:

- Protection of the **MasterSeal 700BG** membrane in below ground Building Structures
- Protection and an economical double layered waterproofing in tunnels and TBM shafts

## ADVANTAGES

- Superior mechanical characteristics
- High mechanical resistance and elasticity
- Long life expectancy
- Resistance to wash-out action
- Resistance to root penetration
- Resistance to bursting at high water pressure
- Double seal allows pressure testing of joints
- Loose laid to act independently of structural movement

## PACKAGING AND ROLL SIZES

**MasterSeal 706PZ** has a black colour and a thickness of 1.5 mm with 2.10 meter width. Lengths can be manufactured to suit specific requirements but is generally 20 meters.

## APPLICATION GUIDELINES

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

## WATERTIGHT SYSTEMS & ENGINEERED SOLUTIONS

Master Builders Solutions Construction Chemicals provide systems and engineered solutions, to suit the structure, at the design and construction stages, to ensure watertightness. 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.

# MasterSeal<sup>®</sup> 706PZ

## PHYSICAL/CHEMICAL PROPERTIES\*

Thickness UNI EN 1849 - 2	1.50mm (± 5%)
Specific Weight UNI EN 1849 - 2	2.040kg/m <sup>2</sup> (± 5%)
Tensile strength UNI EN ISO 527 - 3	≥ 10.0N/mm <sup>2</sup>
Elongation at break UNI EN ISO 527 - 3	≥ 100%
Resistance to static punching (CBR) UNI EN ISO 12236	≥ 1600N

## 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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