

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 706PZ** 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 PROCEDURE

Usually applied by Specialist Applicator. Please contact BASF Construction Chemicals for specific application assistance.

WATERTIGHT SYSTEMS & ENGINEERED SOLUTIONS

BASF 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 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[®] 706PZ

PHYSICAL/CHEMICAL PROPERTIES*

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

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.

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