BASF
The Chemical Company

MASTERPREN® PZ

Synthetic membrane of plasticised PVC

Description
MASTERPREN PZ is a synthetic membrane used for the protection of Masterpren PVC membrane in areas requiring a high degree of protection or an economical second layer of waterproofing.

Typical applications
MASTERPREN PZ can be applied in the following circumstances:

- Protection of the Masterpren PZ 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
MASTERPREN PZ 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;

- Masterpren range – Preformed membranes
- Masterflex range - Active and passive joint treatment
- Masterseal range - Liquid applied membranes and protective coatings
- Masterflow range - High performance grouts
- Emaco and Concresive ranges - Repair materials

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

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***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 Construction Chemicals representative.

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

Quality and care

All products originating from BASF'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, ISO 14001 and OHSAS 18001.

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* Properties listed are based on laboratory controlled tests which are carried out immediately after production.

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