

# MasterSeal<sup>®</sup> 730W

Post-applied, self-adhesive HDPE waterproofing membrane

## DESCRIPTION

**MasterSeal 730W** is a tough HDPE membrane treated with Pressure Sensitive Adhesive, designed for post waterproofing applications.

**MasterSeal 730W** is compatible with **MasterSeal 730PA** and **MasterSeal 730UVS** pre-applied HDPE membranes. **MasterSeal 730W** is applied on cast in-situ or precast concrete segments.

## TYPICAL APPLICATIONS

**MasterSeal 730W** is intended for use in below grade waterproofing applications at retaining wall and top slabs of various underground construction, tunnels and subways.

## ADVANTAGES

- Excellent mechanical properties
- Excellent Adhesion - prevents water migration
- Chemically resistant - can be used in all soil and subsoil conditions
- Simple and easy to install

## PACKAGING AND ROLL SIZES

**MasterSeal 730W** is supplied in rolls of 20 m with a width of 1.0 m and membrane thickness of 1.2 mm.

## TYPICAL PROPERTIES\*

Elongation ASTM D412	500% Minimum
Tensile strength ASTM D412	> 22 N/mm <sup>2</sup>
Puncture resistance ASTM E154	> 800 N
Peel adhesion to concrete ASTM D903	> 1.0 N/mm
Lap adhesion ASTM D1876	> 1.0 N/mm
Resistance to hydrostatic pressure at 1hr	> 70 m

The performance data is typical and based upon controlled laboratory conditions. Actual performance on the job site may vary from these values based on actual site conditions.

## APPLICATION GUIDELINES

### SURFACE PREPARATION

Substrate shall be sound, regular, smooth and should have clean surface free from laitance, oil, grease, mold release agent, residual curing compound, dust, loose aggregates, or other contaminants that could impair adhesion.

Substrates must be primed with **MasterTop P 650** or **MasterTile P 302** primer.

### PLACING / APPLICATION

The detailed installation of the membrane can be referred from installation manual. Contact our Master Builders Solutions representative for further support.

### Membrane repair

Damaged **MasterSeal 730W** can be easily repaired by patching method using the same material. Ensure that the surface is thoroughly cleaned prior to patching application.

### Protection

Protect the installed membrane with geotextile. Contact our Master Builders Solutions representative for further information on required protection based on actual conditions.

### STORAGE

Stored in original containers, under dry conditions and at temperature between 10-30°C.

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## HEALTH AND SAFETY

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the Master Builders Solutions Material Safety Data Sheet (MSDS) from our office or our website.

## 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.

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