

# MasterSeal® 721PB

## Self-adhesive membrane

### DESCRIPTION

**MasterSeal 721PB** is a special SBS- modified self-adhesive protection membrane incorporating a surface reinforcement of tough, heavy-duty spun bond non-woven polyester mat. **MasterSeal 721PB** is specially designed for use as protection sheet over other membrane in a wide variety of applications. The bottom surface is covered with siliconized release paper or foil. The **MasterSeal** range belongs to the group of membranes produced using a special grade of bitumen modified with virgin SBS polymer. The spun bond polyester is laminated on the self-adhesive compound with the bottom laminated with a release foil.

### USES

**MasterSeal 721PB** is designed for use as a protection sheet over waterproofing membranes where traditional protection boards prove difficult to install, such as:

- Foundations
- Manholes, pipes and the like
- Tunnels, trenches and ducts
- Any structure where shape conformity is important

### ADVANTAGES

- Ease of application over existing membranes
- Excellent bond to self-adhesive and torch on membranes with foil finish
- High tear strength and puncture resistance
- Conforms to difficult contours and shapes
- High dimensional stability
- Resistant to UV and to chemicals found in soil and ground water

### PACKAGING

**MasterSeal 721PB** membranes are supplied in rolls 1m x 15m; shrink wrapped on pallets.

Thickness	2.5mm
Length	15 x 1m
Weight	2.6kg/m <sup>2</sup>
Top surface	270 g/m <sup>2</sup> Spun bond polyester
Bottom surface	Siliconized removable paper / foil

### TYPICAL PROPERTIES\*

Compound properties	
Softening point ASTM D36	110°C
Water absorption @ 24 hrs. ASTM D570	< 0.15%
Flexibility at low temperature DIN 52123	≥ -20°C
Heat resistance @ 90°C / 2 hours UEAtc	No flow
Mechanical properties	
Tensile strength UEAtc	
Longitudinal	1050 N/5cm
Transversal	850 N/5cm
Elongation DIN EN 12311-1	
Longitudinal	50%
Transversal	55%
Tear resistance ASTM D5147	
Longitudinal	600 N
Transversal	550 N
Puncture resistance ASTM E154	>1200N
Hydrostatic water pressure BS EN 12390	> 50m 5 bar
UV resistance ASTM G 154	Excellent
VOC ASTM D 3960 / D2369	<50 g/l

### APPLICATION GUIDELINES

The substrate to be protected should be clean, unroll the product to the relevant length and cut the piece to required dimension. Peel off the release film and carefully place over the membrane to be protected butt joining with additional pieces.

### HEALTH AND SAFETY

There are no direct health hazards associated with **MasterSeal** membranes. Normal precautions for hot and volatile substances should be observed during application. Refer to our MSDS sheets for advice.

### STORAGE

**MasterSeal 721PB** must be palletized at all times, in a covered well-ventilated storage area, away from sources of direct heat.

# MasterSeal<sup>®</sup> 721PB

## 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.

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## STATEMENT OF RESPONSIBILITY

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## NOTE

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