



# WP 5AM

WP 5AM - waterproof self adhesive membrane, is a bituminous water proof sheet, composed of self adhesive SBS polymer modified bitumen with an upper surface finish of grey co-extruded polyolefin, and a lower surface finish of siliconized release paper. WP 5AM is used for the waterproofing of underground structures, and to prevent the ingress of radon.

## TITANTECH®

For developers of brownfield and contaminated sites the TITANTECH® family of products represent a major step forward in safeguarding projects against gaseous and chemical contamination.

## Handling

Roll weights can be in excess of 20 kg (approx 33 kg per roll) and hence appropriate care and equipment is required for unloading and handling. This product is non-toxic.

## Storage

Rolls of WP 5AM should be stored horizontally, and pallets should not be stacked on top of one another. WP 5AM should be stored in a cool, dry place, and be protected from exposure to rain, sun, heat and cold temperatures prior to installation. Exposure to sunlight for extended period of time could cause difficulty with removal of the release film.

<b>Thickness</b>	1.50 mm
<b>Width</b>	1.05 m
<b>Length</b>	19.05 m
<b>Weight</b>	1500 g/m <sup>2</sup>

## Certifications



Please Scan



Rev 2024



Feature	Characteristics	Test Method	WP SAM
<b>Physical Properties</b>	Thickness	EN 1849-2	1.50 mm
	Width	EN 1849-2	1.05 m
	Length	EN 1849-2	19.05 m
	Weight	EN 1849-2	1500 g/m <sup>2</sup>
<b>Hydraulic Properties</b>	Water Tightness (60 kPa)	EN 1928	Pass
<b>Mechanical Properties</b>	Tensile Strength (MD)	EN 12311-1	200 N/50mm
	Tensile Strength (CMD)	EN 12311-1	200 N/50mm
	Joint Strength: Shear Resistance	EN 12317-1	200
	Flexibility at Low Temperature	EN 1109	< -15°C
	Humidity Resistance Factor	EN 1931	115
	Humidity Flow Density Co-efficient	EN 1931	2.56 x 10 <sup>-9</sup> kg/m <sup>2</sup> .s
	Flow Resistance at Elevated Temperature	EN 1110	> 70°C
	Resistance to Root Penetration	EN 13984	Pass
	Reaction to Static Loading	EN 12370	5 kg
	Resistance to Impact	EN 12961	< 400 mm
	Longitudinal Resistance to Tearing	EN 12310-1	180 N
	Transversal Resistance to Tearing	EN 12310-1	180 N
Radon Permeability	K124/02/95	8.20 x 10 <sup>-12</sup> m <sup>2</sup> /s	
<b>Compliance and Certification</b>	Meets the requirements of CE marking		
	BS8102:2009 Compliant		
	Meets the requirements of EN 13969 and EN 13707		
	Meets the requirements of CTE		
	Meets the requirements of EN 13859-1 and EN 13859-2 norms		

## JUTA UK

Please contact JUTA  
UK Directly for more  
information on WP SAM

## Installation

WP SAM should be installed in accordance with the product installation guidelines. It is recommended that WP SAM is not applied in temperatures below 10°C, in colder weather the material can be warmed slightly to aid adhesion.

## Accessory Products

- GP® Primer
- GP® Protection Board
- GP® Protection Fleece