

# BITUFOUNDATION

Self Adhesive Waterproofing Membrane With  
Built-in Protection Course



## DESCRIPTION

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**BITUMAT BITUFOUNDATION** is a self adhesive waterproofing membrane. A uniquely formulated bituminous compound, which produces excellent adhesive properties, is mechanically protected by a factory applied geotextile and the underface is a siliconized release paper.

## USES

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**BITUMAT BITUFOUNDATION** design makes it the ideal product for protection of below grade structures and foundation walls. The geotextile top surfacing is specially designed to impart a very high degree of mechanical protection, high tensile strength, elongation and drainage. The backfill can be laid directly on **BITUFOUNDATION** without the need for protection boards, board adhesive, board tapes, etc.

## OUTSTANDING FEATURES

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- Excellent Adhesion
- Very high puncture strength
- Easy application.
- Tremendous saving in time, effort and money.

## APPLICATION

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The surface to receive **BITUMAT BITUFOUNDATION** should be smooth and dry and should be free from dust and dirt. The surface should be primed thoroughly with a concrete primer.

**BITUMAT BITUFOUNDATION** is installed by progressively peeling off the release paper and unrolling the membrane along with it. The membrane, particularly at the overlaps, should be firmly pressed down to ensure a good seal.

## HANDLING & STORAGE

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**BITUMAT BITUFOUNDATION** is supplied in boxes on wooden pallet to avoid any damage during transportation or on the site. Storage should be under a shaded area where extreme temperatures or direct heat should be avoided. Product must be kept away from direct UV exposure.



Bitumat Co. Ltd.

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## TECHNICAL DATA

Property	Unit	Value	Tolerance	Test Method
Geotextile weight	g/m <sup>2</sup>	<b>400</b>	± 5%	EN ISO 9864
Thickness	mm	<b>3.5</b>	± 5%	EN 1849 -1
Mass per unit area	kg/m <sup>2</sup>	<b>2</b>	± 10%	EN 1849 -1
Softening point	°C	<b>115</b>	Min.	ASTM D - 36
Tensile strength				
Longitudinal	N/5cm	<b>800</b>	±20%	EN 12311 - 1
Transversal		<b>600</b>		
Elongation				
Longitudinal	%	<b>60</b>	±15	EN 12311 - 1
Transversal		<b>60</b>		
Tear resistance				
Longitudinal	N	<b>600</b>	±10%	ASTM D - 4073
Transversal		<b>500</b>		
Puncture resistance	N	<b>1900</b>	Min.	ASTM E - 154
Adhesion strength				
To primed surface	N/mm	<b>2</b>	Min.	ASTM D - 1000
To self		<b>2</b>		
Hydrostatic pressure @ 5 bar	-	<b>Pass</b>	-	ASTM D 5385
Low temperature flexibility	°C	<b>-20</b>	Min.	EN 1109 - 1

The information given in this publication reflects typical median properties based on laboratory test and practical experience; subject to the tolerance levels as declared. However, as the product is often used under conditions beyond our control, we can't warrant but the product itself.

It is the responsibility of the user to choose the suitable product for the intended application



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