

BITUFOUNDATION

Self Adhesive Waterproofing Membrane With
Built-in Protection Course

DESCRIPTION

BITUMAT BITUFOUNDATION is a range of self adhesive waterproofing membranes produced with special multi-layer design incorporating a glass fibre (BITUFOUNDATION-G) or polyester reinforcement (BITUFOUNDATION-P) impregnated and coated on both sides with a uniquely formulated bituminous compound, which produces excellent adhesive properties.

The top surface is mechanically protected by a factory applied geotextile and the underface is a siliconized release paper.

USES

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

- Tremendous saving in time, effort and money.
- Self adhesive
- High strength.
- Easy application.

GENERAL DATA

BITUFOUNDATION - P300

Reinforcement	Top Surface
130 gsm non-woven	300 gsm geotextile

BITUFOUNDATION - G300

Reinforcement	Top Surface
50/60 gsm glass fibre	300 gsm geotextile

- Nominal roll length : 10M
- Nominal roll width : 1M
- Nominal selvedge width: 100 mm (end and side)
- Nominal thickness :
 - P300 : 3.3mm
 - G300 : 3.0mm
- Nominal weight :
 - P300 : 2.1 kg/M²
 - G300 : 1.8 kg/M²

INSTALLATION

TOOLS REQUIRED:

Knife
Trowel
Measuring Tape
Marking String
Small Roller

APPLICATION

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.

BITUFUNDATION

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TECHNICAL DATA

MBM12	MAY04	R-00	00
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SI No	Property	Typical Result		Test Method
		P 300	G300	
1.	Softening Point, °C	115	115	ASTM D 36
2.	Tensile strength, N/5cm <ul style="list-style-type: none"> Longitudinal Transverse 	750 800	600 650	UEAtc ASTM D 412 [c] UNI 8202
3.	Elongation at break, % <ul style="list-style-type: none"> Longitudinal Transverse 	60 60	60 60	UEAtc ASTM D 412 [c] DIN 1955
4.	Puncture resistance, N <ul style="list-style-type: none"> Static [kg] Dynamic [kg] Dynamic [Joules] 	>30 >40 >25	>40 >30 >25	UEAtc ASTM E 154 UEAtc
5.	Water vapour transmission, rate g/m ² 24hr.	<0.2	<0.2	ASTM E 96 Procedure E 37.8°C at 90% RH
6.	Adhesion strength, N/5 cm <ul style="list-style-type: none"> To primed deck To self 	150 150	150 150	ASTM D 1000
7.	Tear resistance, N <ul style="list-style-type: none"> Longitudinal Transverse 	300 300	280 280	UEAtc DIN 53859

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

THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATION RELATING TO THIS PRODUCT.