

## Data Sheet

### Rhinobond GMA Super



#### Description

A sheet membrane constructed from an Aluminium / Polythene laminate coated on one surface and a bitumen- polymer adhesive compound. Uses included gas proofing of landfill sites, radon affected areas and redeveloped contaminated sites, water proofing foundation, basement roofs and plaza decks, lifts shafts, pits, carpark decks and subways.



EN 13967

Property	Test Method	Units	Tolerance	Result
Water tightness to liquid water	EN 1928	-		Pass
Resistance to static load	EN 12730	kg		20kg Pass
Tensile Properties, Maximum Tensile Stress CD	EN 12311-2	N/mm <sup>2</sup>		≥ 2
Tensile Properties, Maximum Tensile Stress MD	EN 12311-2	N/mm <sup>2</sup>		≥ 2
Tensile Properties, Elongation at Break MD	EN 12311-2	%		≥ 120
Tensile Properties, Elongation at Break CD	EN 12311-2	%		≥ 120
Durability of Watertightness against ageing	EN 1847 Method A 60 Kpa	-		Pass
Durability of Watertightness against chemicals	EN 1847 Method A 60 Kpa	-		Pass
Resistance to Impact	EN 12691	mm		≥ 700
Resistance to tear (Nail shank) CD	EN 12310-1	N		≥ 110
Resistance to tear (Nail shank) MD	EN 12310-1	N		≥ 110
Reaction to Fire	EN 13501	Euro Class		Class F
Joint Strength	EN 12317-2	N		≥ 45
Water Vapour Transmission (Density Flow rate)	EN 1931	g/(day·m <sup>2</sup> )		0.013
Water Vapour Transmission (Resistance factor, μ)	EN 1931	μ		2380000
Length	EN 1848-2	m	-0% to +5%	19.05
Width	EN 1842-2	m	-5% to +5%	1.05
Thickness	EN 1849-2	mm	-5% to +10%	1.5
Mass	EN 1849-2	g/m <sup>2</sup>	-10% to +10%	1700

#### Other Data

Methane Gas Permeability	ml/m <sup>2</sup> /24 hrs	<0.03
Radon Diffusion	m <sup>2</sup> /s	5.0 x 10 <sup>-14</sup>
Roll Weight	kg	33