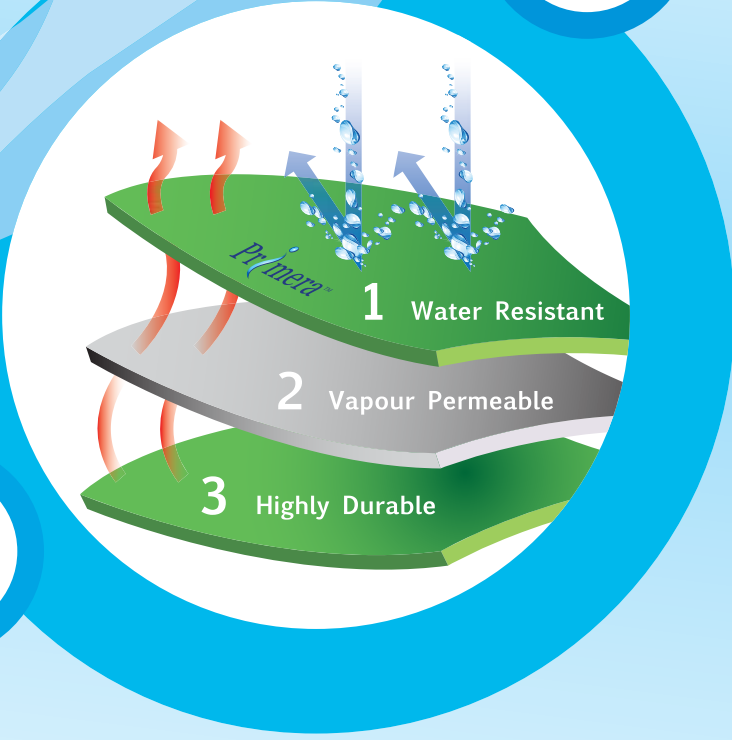
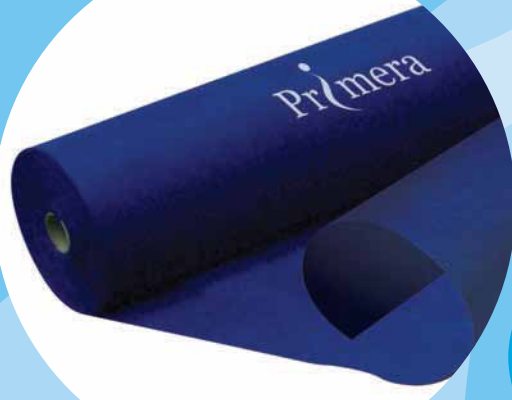
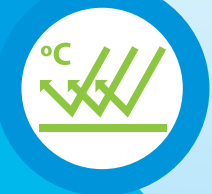
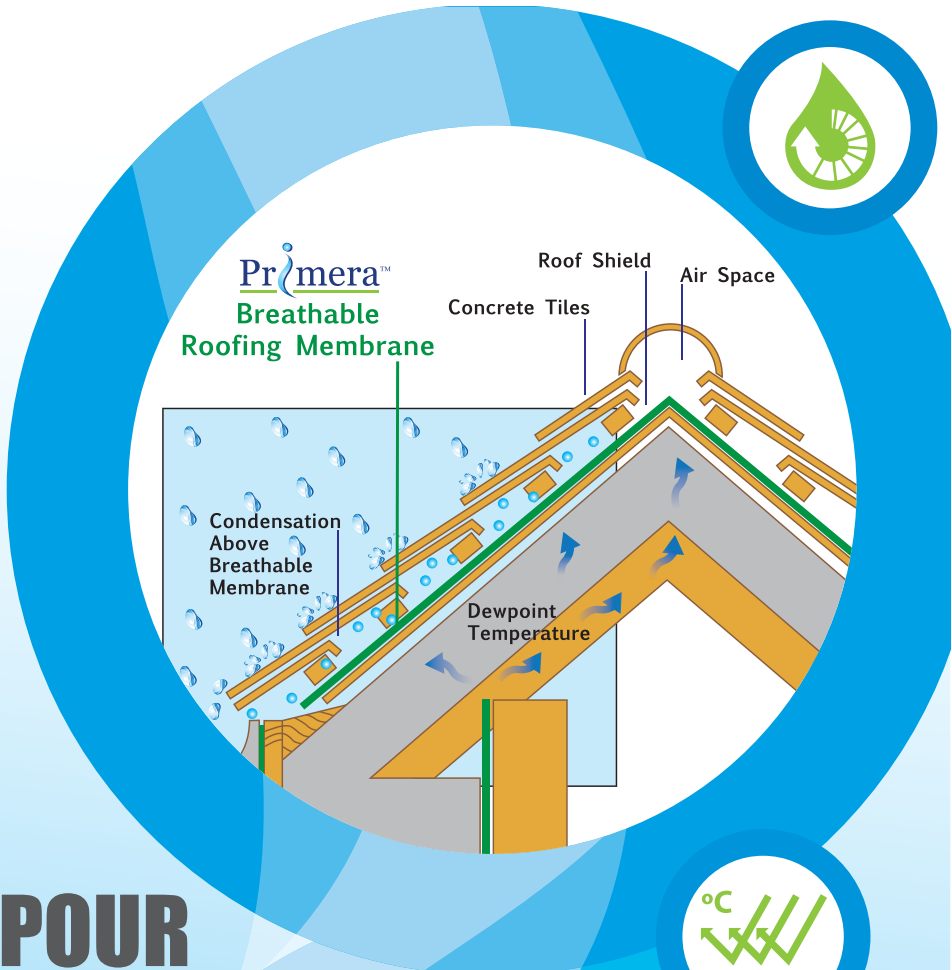


Primera™

Breathable Roofing Membrane

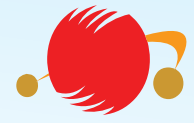
- Excellent Vapor Permeability
- Excellent Water Resistance
- UV Stabilized High Durability
- Naturally Antistatic
- Longer Lasting Performance
- Reduces Condensation
- Extremely User Friendly
- Resistant against Wind Uplifts in all weather conditions

YOUR RELIABLE PROTECTIVE, VAPOUR PERMEABLE SHIELD



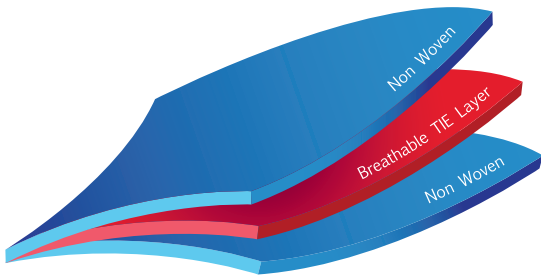
Harsh weather conditions nowadays can cause a substantial amount of damage to a building, resulting in extensive repairs and maintenance costs. Breathable Roofing Membrane has a high breathability level as well as longer lasting performance due to UV stabilization and the inherent structure of the membrane. Primera™ is well proven to be effective and is highly recommended for project remodelling involving new constructions and also re-siding. Let Primera™ enhances the comfort level of your interior while keeping your maintenance cost to a minimum.

DIMENSIONS:-
 Standard Width : 1.5m
 Standard Length/Roll : 30m & 50m



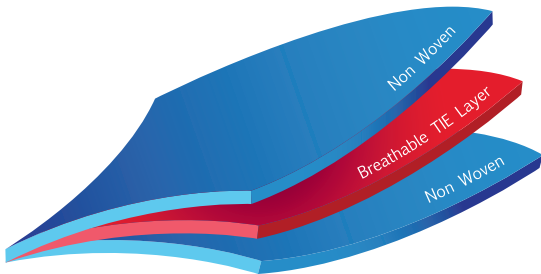
**SAN MIGUEL YAMAMURA
 WOVEN PRODUCTS SDN. BHD.**

NWB 130 - BREATHABLE MEMBRANE



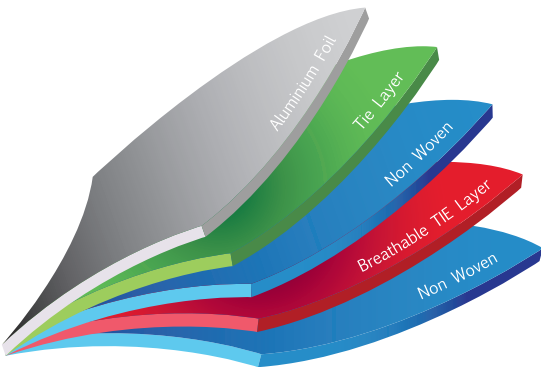
	CHARACTERISTIC		TEST METHOD	UNIT (SI)	SPECIFICATION
Laminated Roll Specifications	Grammage		ISO 536	g/m ²	130 ± 20
	Tensile Strength	MD CD	ISO 9073-3	N/50mm	≥ 250 ≥ 150
	Elongation	MD CD	ISO 9073-3	%	≥ 15 ≥ 25
	Trapezoid Tear Resistance	MD CD	ISO 9073-4	N	≥ 50 ≥ 55
	Resistance to Tearing (Nail Shank)	MD CD	BS EN 12310-1	N	≥ 65 ≥ 60
	Water Vapor Transmission Rate			ASTM E96	g/m ² /day

NWB 170 - BREATHABLE MEMBRANE



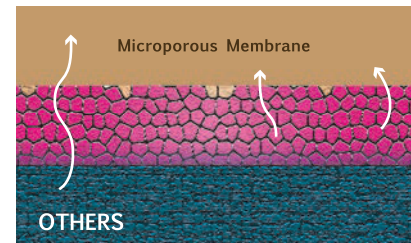
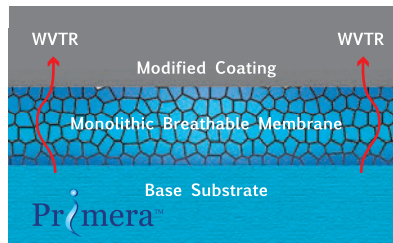
	CHARACTERISTIC		TEST METHOD	UNIT (SI)	SPECIFICATION
Laminated Roll Specifications	Grammage		ISO 536	g/m ²	170 ± 20
	Tensile Strength	MD CD	ISO 9073-3	N/50mm	≥ 300 ≥ 200
	Elongation	MD CD	ISO 9073-3	%	≥ 15 ≥ 20
	Trapezoid Tear Resistance	MD CD	ISO 9073-4	N	≥ 80 ≥ 90
	Resistance to Tearing (Nail Shank)	MD CD	BS EN 12310-1	N	≥ 100 ≥ 95
	Water Vapor Transmission Rate			ASTM E96	g/m ² /day

HRBM 117 - HIGH REFLECTIVE BREATHABLE MEMBRANE



	CHARACTERISTIC		TEST METHOD	UNIT (SI)	SPECIFICATION	
Laminated Roll Specifications	Grammage		ISO 536	g/m ²	117 ± 10	
	Thickness		In house	μ	235 ± 50	
	Emissivity		ASTM C 1371	Index	≤ 0.1	
	Tensile Strength	MD CD	ISO 9073-3	N/50mm	≥ 230 ≥ 140	
	Elongation	MD CD	ISO 9073-3	%	≥ 16 ≥ 13	
	Trapezoid Tear Resistance	MD CD	ISO 9073-4	N	≥ 18 ≥ 25	
	Resistance to Tearing (Nail Shank)	MD CD	BS EN 12310-1	N	≥ 33 ≥ 35	
	Water Vapor Transmission Rate			ASTM E96	g/m ² /day	≥ 450

This incredible creation of "breathable" application on roof and wall insulation is indeed another pride won through advanced scientific technology and is greatly applicable in the building and construction industries. A comfortable home or a pleasant working place, **Primer™** Breathable Insulator is your ideal choice.



San Miguel Yamamura Woven Products Sdn. Bhd. 182297-H

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