



San Miguel Yamamura Woven Products Sdn. Bhd.

[Formerly known as San Miguel Woven Products Sdn. Bhd.]
A Subsidiary of San Miguel Yamamura Packaging International Ltd.

PRODUCT SPECIFICATIONS SHEET

Customer Name	:	GENERAL
Product Code	:	WF 501C-BU
Product Description	:	ANTI-CORROSION COATED ALUMINIUM FOIL LAMINATED WITH PET FILM AND REINFORCED WITH PET NON-WOVEN APPLIED WITH SELF ADHESIVE BUTYL WATERPROOFING MEMBRANE
Product Structure	:	ACC // AL / ADHESIVE / PET FILM / PE TIE LAYER / PET NON-WOVEN / BUTYL ADHESIVE / RELEASE FILM

	CHARACTERISTIC	TEST METHOD	UNIT (SI)	SPECIFICATION
Laminated Roll Specifications	Grammage	ISO 536	g/m ²	159 ± 10%
	Thickness	In-house	μ	240 ± 10%
	Solar Reflectance	ASTM C1549	-	≥ 0.80
	Tensile Strength Before Ageing MD CD	ISO 9073-3	N/50mm	≥ 325 ≥ 300
	Tensile Strength After Ageing MD CD	ISO 9073-3	N/50mm	≥ 80% before ageing ≥ 80% before ageing
	Tear Resistance	ISO 9073-4	N	≥ 25 ≥ 35
	Nail Shank	BS EN 12310-1	N	≥ 45 ≥ 50
	Ageing (70°C, 90% RH for 28 Days)	ISO 22097	-	No Corrosion
	Acid rain corrosion test (pH 3.15)	ASTM D7356	-	No Corrosion
	Accelerated Weathering (QUV) - UV Exposure: 8.00hr, 80°C - Water Spray: 0.25hr - Condensation: 3.75hr, 50°C For duration of 5000 hours	ASTM G154	-	No Corrosion No Chalking No delamination

Adhesive Properties	Adhesive Types	GB 23441-2009	-	High-performance butyl glue
	Butyl Thickness	-	mm	0.5 – 0.6
	Heat Resistance	GB 23441-2009	mm	Sliding does not exceed 2mm at 70°C
	Low Temperature Flexibility	GB/T 328.14-2007	-	-20°C, No Cracks
	Peel Strength Membrane to Membrane	GB/T 328.20-2007	N/mm	≥ 1.0
	Peel Strength Membrane to Aluminium Plate	GB/T 328.20-2007	N/mm	≥ 1.5
	Continuous Bonding Performance	GB 23441-2009	min	≥ 20

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