



SAN MIGUEL YAMAMURA
WOVEN PRODUCTS SDN. BHD.



SIRIM
MS 2095 : 2014
PC000947



SIRIM
ISO 9001 : 2015
Certification No: QMS 00197

CIDB PPS REG. NO:
1140425ML0002

L 302

En  **iro-tuff**®

 **ena**™
foil

Impressive
APPEARANCE
with even
distribution.

Outstanding
DURABILITY
with new interlock
structure



Excellence
TEAR RESISTANT
with special
weaving technique



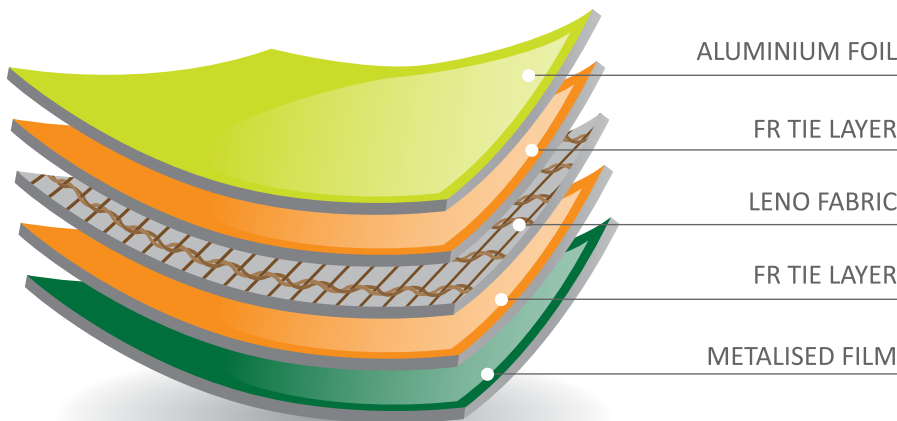
L 302 (AL/MPET)

CHARACTERISTIC		TEST METHOD	UNIT (SI)	SPECIFICATION	CLASSIFICATION
Grammage		BS EN 965	g/m ²	113 ± 10	-
Laminated Roll Specifications	Tensile Strength	MD CD	AS/NZS 1301.448s	≥ 6.0	Extra Light
				≥ 3.5	
	Edge Tear Resistance	TAPPI T470	N	≥ 30	
Vapor Barrier		ASTM E96	MN.s/g	< 450 > 7	Medium
Emittance		ASTM C1371	Index	≤ 0.05	Reflective
Thermal Resistance		ISO 8301/MS ISO 8302	m ² K/w	≥ 1.1	-

FIRE RETARDANT TEST L302		
CHARACTERISTIC	TEST METHOD	SPECIFICATION
Fire Propagation of Material Sub-Index, i_1	BS 476 ; Part 6	<6
Overall Performance Index		<12
Surface Flame Spread Test	BS 476 ; Part 7	Class 1
Classification of Fire Hazard		Class O



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5 layers laminate made up of a double sided reflective material (Aluminium & Metalized) foil bonded to reinforce high density polyethylene leno fabric with special fire retardant material.



Fire Retardant
EnViro-tuff fire rated series tested and complied with international standards such as BS 476 part 6 & 7, ASTM E84 and AS 1530.



Tear & Puncture Resistance
EnViro-tuff is strong and has high tear resistant feature due to its superior reinforcement.



Moisture Barrier (WVTR)
EnViro-tuff is a good vapour barrier which specially designed to prevent any penetration of water and moisture-laden air, guarding against condensation, rot and mildew.



Impressive Appearance
EnViro-tuff Veno series is design with an improve outlook for a more impressive appearance.



Energy Saving
EnViro-tuff radiant barrier is designed to provide good insulation to improve energy performance of the building and save energy.



No Wire Netting- Able to support 80kg/m³ wool
EnViro-tuff being strong and durable is design without additional supporting material for installation.



Lightweight
EnViro-tuff is lightweight and strong, thus it makes installation work much efficient.



UV + Heat Stability
EnViro-tuff has the ability to maintain its physical size and properties under extreme temperature changes.



SIRIM Certification
EnViro-tuff fire rated series are tested and certified to Sirim Products Listing.