



L 402
VENO FOIL

EnViro-tuff®

ECONOMIC · QUALITY · RELIABILITY

EnViro-tuff® the superior foil that is specially designed to meet global standards. It meets your needs for an effective and cost efficient protection from the ravages of harsh weather conditions.

EnViro-tuff® has high reflective properties. Rigorous tests are constantly conducted to ensure its durability & reliability. It is proven for its effectiveness, making it the ideal choice for providing optimum insulations against radiant heat & moisture vapour. Light in weight yet strong and durable.

EnViro-tuff® is designed for easy handling and offers superior quality at the fraction of the overall building cost.



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



Certified by CIDB



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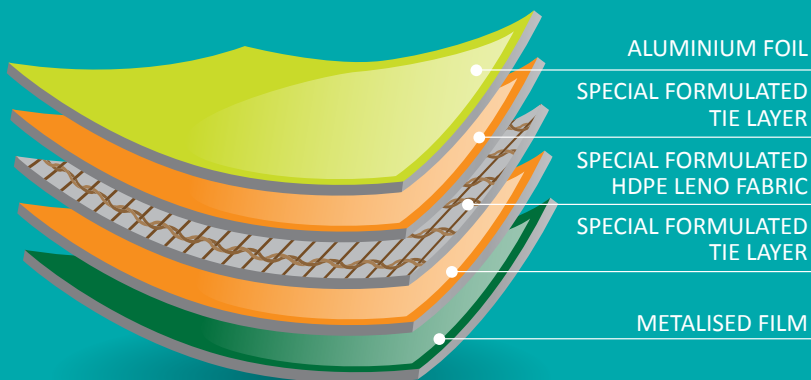
foil™

CHARACTERISTIC	TEST METHOD	UNIT (SI)	SPECIFICATION	CLASSIFICATION
Grammage	BS EN 965	g/m ²	86 ± 10	-
Tensile Strength	MD CD AS/NZS 1301.448s	kN/m	> 6.0 > 3.5	Light
Edge Tear Resistance	TAPPI T470	N	> 30	
Vapour Barrier	ASTM E 96	µg/N.s	≤ 0.002	High
Emittance	ASTM C1371	Index	≤ 0.05	Single Sided Reflective
Thermal Resistance	ISO 8301/MS ISO 8302	m ² K/W	1.047	-

Laminated Roll Specifications

L 402 (AL/MPET)

FIRE RETARDANT TEST L 402		
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



5 layers FR compliance composite structure made up of double sided reflective material (Aluminium & metalized) bonded to high density polyethylene leno fabric by special material.



Premium Quality at Competitive Prices



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.



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.



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.



97% Radiant Heat Reflectivity
EnViro-tuff® radiant barrier dramatically improves energy efficiency of a building by effectively reducing up to 97% of radiant heat.



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.



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



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



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Sample of Specification

V-Foil Enviro-tuff (WF402) Fire Retardant Woven Foil With Aluminium Foil And (Aluminium / Metalized) Foil Bonded To High Density Polyethylene Woven Fabric.

Details in accordance with manufacturer's instructions.