



Technical Data - VR Range

Lining

Versitex VR Range is a cost-effective thermoplastic composite backed by a thin sheet of fabric to help promote adhesion of injected or poured foam system. These high impact resistant panels are comprised of polypropylene resin reinforced with continuous bi-directional glass fibres, Versitex resists rot, corrosion, mildew and is not affected by cleaning-related chemicals. Versitex VR Series panels provide significant energy absorption over traditional FRP panels and exhibit thermal expansion similar to aluminium. The bi-directional nature of Versitex provides consistent physical properties throughout the entire panel. The material is easily repaired by applying low heat.

Main Features:

- Consistent physical properties throughout the panel
- Heat and moisture resistant
- Exceptional wear and impact resistance
- Suitable for thermoplastic welding technology
- 100% Recyclable during and after processing
- Available as coils or sheets
- Food hygiene approved
- Providing exceptional protection to your vehicle

Main Applications:

Roofing
Lining / Lamination
Refrigerated Body work

VR2

Technical		
Thickness	mm ²	1.0
Weight	kg/m ²	1.5
Mechanical		
E-modulus	kN/mm ²	10
Tensile Strength	N/mm ²	230
Thermal		
CoTE	10E-6/°C	18
Thermal Conductivity	W/mK	0.08
Dimensions		
Width	mm	2438
Length	m	up to 180m



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