

Quadrant Plastic Composites MultiQ® Impact Thermoplastic Panel Composite

Category : Polymer , Thermoplastic

Material Notes:

MultiQ is a product line of thermoplastic composites in panel form whose specific properties make them particularly suitable as an environmental alternative to plywood in outdoor applications. However, coated with special laminate surfaces, MultiQ can also be used in interiors as an alternative to wood-based panels (HDF and MDF). The MultiQ product line is a modular system. The composition of the glass-reinforced plastic (GRP) sandwich panels offers plenty of scope for variation and permits design to customer specification. MultiQ Impact is a high-performance sandwich panel that has been specially developed as a board for construction scaffolds and other walkways with high levels of demanded impact resistance. The plastic scaffold boards factory-finished with an anti-slip surface are light, extremely impact- and fracture-resistant, non-weathering, non-rotting, easy to clean and extra-durable.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Quadrant-Plastic-Composites-MultiQ-Impact-Thermoplastic-Panel-Composite.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	50.0 MPa	7250 psi	Transverse
	60.0 MPa	8700 psi	Longitudinal
Flexural Modulus	5.00 GPa	725 ksi	Transverse
	5.40 GPa	783 ksi	Longitudinal

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Descriptive Properties	Value	Comments
Grey Color	RAL 8017	

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