

## Quadrant Plastic Composites MultiQ® Concrete 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. The environment-friendly composite panel can be worked like plywood – i.e. nailed, sawn and drilled without splintering – but is far superior to the classic plywood formwork panel in terms of its mechanical properties. It possesses high rigidity with a low weight per unit area, is weather-resistant and does not rot, remains resistant to impacts even at low temperatures, is insensitive to the effects of moisture and dimensionally stable, doesn't swell or gain in weight, is resistant to all the chemicals encountered on construction sites and achieves a high quality of concrete surface. Furthermore, the innovative plastic panel features a much longer service life with significantly lower cleaning and care needs and can also be recycled with ease.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Quadrant-Plastic-Composites-MultiQ-Concrete-Thermoplastic-Panel-Composite.php](http://www.lookpolymers.com/polymer_Quadrant-Plastic-Composites-MultiQ-Concrete-Thermoplastic-Panel-Composite.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	35.0 - 60.0 MPa	5080 - 8700 psi	Transverse
	40.0 - 70.0 MPa	5800 - 10200 psi	Longitudinal
Flexural Modulus	4.00 - 5.00 GPa	580 - 725 ksi	Transverse
	5.40 - 6.20 GPa	783 - 899 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 7032	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China