
ISO-TUFF FIRE RATED, HIGH STRENGTH SPECIFICATION FORM

- 1) Fiberglass reinforced plastic roof and/or wall panels shall be Iso-Tuff Fire Rated, High Strength as manufactured by Kemlite Company, Inc. P.O. Box 2429 Joliet, IL 60434. (www.industrialfrp.com)
- 2) Resin system shall be high quality, corrosion resistant isophthalic polyester with UV stabilizers.
- 3) Structural glass reinforcement shall be a high strength combination of bidirectional woven roving and multi-directional chopped strand fiberglass. Nominal glass content to be 40% by weight.
- 4) Panel weight shall be _____ (Available in 8oz/ft² through 16oz/ft²) to assure maximum span capability relative to associated project loading requirements. (Please review published Kemlite load-span tables for further assistance)
- 5) Panel finish shall be embossed exterior/smooth interior.
- 6) Panel color shall be _____ (Available standard colors: Opaque = Gray (675), Stone White (945), Beige (865); Translucent = White (405), Clear (502))
- 7) Panel profile shall be _____ (Refer to Kemlite Form 6479 "Profile Selection Guide")
- 8) Panel shall have a Flame Spread Classification of 25* per ASTM E84 test and Building Code Classification of CC1 or C1 per ASTM D635 test.

*Kemlite advises that the numerical flame spread classification is not intended to reflect hazards presented by this or any other material under actual fire conditions.

Note: For additional information on this panel, reference Kemlite Technical Data #6469.