



Specification

1. Wall louvers shall be ResoFLO fiberglass reinforced polymer louvers by Resolite, Stabilit America.
2. Glass reinforcement for the louver frame and blades shall include unidirectional filaments to provide high tensile and flexural properties and overall section stiffness. In addition, continuous strand mat shall be included to contribute to the transverse properties of the louver. Glass content shall be approximately 40% by weight. C/W Barrier shall be on all surfaces to provide a resin rich surface to increase corrosion resistance and UV protection.
3. Resin shall be high quality isophthalic halogenated polyester equivalent to Hetron 99P®, having a flame spread classification of 25* or less. Additional protection shall be provided with the use of UV stabilizers.
4. Finish shall be smooth.
5. Color shall be _____ (Stone White, Gray or Beige) and coloring shall be achieved through the use of pigments impregnated through the entire profile.
6. Fiberglass reinforced polymer wall louvers shall bear the AMCA Certified Ratings Seal for air performance and water penetration. Published performance data must be submitted for approval prior to fabrication. Pressure drop and water penetration must be equal to or less than Resolite ResoFLO Model SBRK6.

Stationary louver, model SBRK6 45°

1. Louver profiles shall meet or exceed ASTM physical and mechanical properties. A copy of the testing shall be submitted for approval.
2. Louver frames shall be 6" deep channel type and shall be 1/4" minimum thickness.
3. Louver blades shall be "K" style design and shall be 1/8" minimum thickness.
4. Hardware shall be 304SS.
(316SS is optional)
5. If required, birdscreen shall be polyethylene mesh mounted in removable PVC frames with a minimum free area of 80% of gross area.

Adjustable louver, model ABRK6 45°/90°

1. Louver frames shall be 6" deep channel type and shall be 1/4" minimum thickness.
2. Louver blades shall be "K" style design and shall be 1/8" minimum thickness.
3. Hardware shall be 304SS.
(316SS is optional)
4. Louver blades shall be adjustable to 45° or 90° (select one) and shall pivot in fiberglass reinforced polypropylene bearings. Fiberglass reinforced polypropylene pivots shall be minimum of 5/8" diameter. All linkages and brackets shall be fiberglass reinforced polypropylene. Control arms shall be of fiberglass construction.
5. Louver blades shall be operated in the following manner:
 - fiberglass thumbscrew locking quadrant
 - pull cable operation (vinyl-coated cable)
 - electric motor operation

Proven FRP Resin System

Resin is the heart of all fiberglass reinforced polymer materials. That's why Resolite chose the same family of light-stabilized resins for ResoFLO Louvers that are utilized in manufacturing its well-known corrosion resistant FS25A / CRFS25A and high-strength Tred-Safe FRP wall and roof panels.

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

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