GLASBORD® Ceiliing Panels

PRODUCT CODE: FXE + FX + CGI + PSIF

CLASS A + Class C FIRE RATING PER ASTM E-84

PRODUCT

GLASBORD with Surfaseal is made of fiberglass reinforced plastic. GLASBORD is a durable, flexible, building material and will not mold, mildew, rot or corrode. It exhibits excellent resistance to mild chemicals and moisture.

SURFASEAL FINISH

SURFASEAL is a unique surface treatment that, when compared to ordinary FRP, exhibits up to ten times cleanability, six times the stain resistance and twice the abrasion resistance.

PURPOSE

GLASBORD with Surfaseal embossed panels are designed for interior ceiling finishes where a Class A or C, sanitary, easy-to-clean panel is desired.

CEILING APPLICATION

GLASBORD panels are approved for lay-in ceiling applications in a steel suspended ceiling system, without overlaid gypsum or insulation panels or blankets.

DESIGN PROPERTIES

PRODUCT	NOMINAL THICKNESS	FINISH	COLOR	FIRE RATING	CALCULATED DEFLECTION POTENTIAL		TECHNICAL DATA
					2' x 4' PANEL (0.6m x 1.2m)	2' x 2' PANEL (0.6m x 0.6m)	
Fire-X GLASBORD FXE FM APPROVED	0.09" | 2.3 mm	Embossed	White | 85	Class A	0.470" | 11.9 mm	0.187" | 4.7 mm	6223
Fire-X GLASBORD FX	0.10" | 2.5 mm 0.12" | 3.0 mm	Embossed	White | 85	Class A	0.472" | 12.0 mm 0.240" | 6.1 mm	0.188" | 4.88 mm 0.095" | 2.4 mm	6226
GLASBORD CGI	0.10" | 2.5 mm	Embossed	White | 85	Class C	0.330" | 8.4 mm	0.132" | 3.4 mm	6909
GLASBORD PSIF	0.075" | 1.91 mm	Smooth	White | 85	Class C	0.335" | 9.0 mm	0.142" | 3.6 mm	7091

*All fiberglass panels are prone to deflection (also called "pillowing" or "sag") when suspended in a grid system. Room operating conditions (temperature extremes and prolonged humidity) are contributing factors. Insulation overlaid on the panels, and certain critical lighting conditions will exaggerate the perception of the deflection. To minimize warping due to moisture absorption, the ceiling plenum must be ventilated to prevent condensation on the back of the ceiling panels.

** Fire-X GLASBORD (FXE and FSFM) is the only fiberglass reinforced interior wall and ceiling panel that is made with Surfaseal finish and is approved under FM Approvals Standard FM 4880 (Plastic Interior Finish Materials). Product installations should be in accordance with FM Approvals Standard FM 4880. This information is available at www.approvalguide.com and www.FRP.com/FMApproved.pdf.

FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS

The numerical flame spread and smoke development ratings are not intended to reflect alleged hazards presented by VALTO products under actual fire conditions and this product has not been tested by VALTO except as set forth below. These ratings are determined by small-scale tests conducted by Underwriters Laboratories and other independent testing facilities using the American Society for Testing and Materials E-84 test standard (commonly referred to as the "'Tunnel Test'").

VALTO PROVIDES THESE RATINGS FOR MATERIAL COMPARISON PURPOSES ONLY. Like other organic building materials (e.g. wood), panels made of fiberglass reinforced plastic resins will burn. When ignited, FRP may produce dense smoke very rapidly. All smoke is toxic. Fire safety requires proper design of facilities and fire suppression systems, as well as precautions during construction and occupancy. Local codes, insurance requirements and any special needs of the product user will determine the correct fire-rated interior finish and fire suppression system necessary for a specific installation. We believe all information given is accurate, without guarantee. Since conditions of use are beyond our control, all risks are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe on valid patents or as extending a license under valid patents. www.astm.org/Standards/E84.htm.

At Valto, we partner with our customers, and through innovation, deliver advanced materials that enhance everyday environments. We succeed through a culture of collaboration, continuous improvement, and excellence. With integrity at our core, we challenge the status quo and pursue innovative approaches that benefit our customers and associates.

Since 1954, Valto Engineered Materials has provided innovative products and services and is a leading provider of FRP composite panels. Our lightweight composite products deliver unsurpassed strength and durability; and we continue to pioneer next level performance in building materials, recreational vehicles, and transportation.