frpDesign Solutions

KEMPLY®

STRONG, RIGID

laminated fiberglass composite panels for installation directly to a stud wall or ceiling.

Mold & Mildew Resistant

Easy to Clean

Tough

Easy to Install

High Impact Strength

Fire Rated

Kemply panels are fabricated by laminating a Glasbord® frp panel to a rigid substrate. Kemply is perfect for use where cleanliness and durability are important. Kemply is moisture resistant, tough, and easy to clean. The *Surfaseal®* finish provides twice the abrasion resistance, six times the stain resistance, and two times more cleanability than ordinary fiberglass reinforced plastic panels.

Kemply skins won't delaminate from the substrate. With Kemply panels, the guesswork and sometimes problematic issues of field-applied adhesives are removed. Factory controlled lamination guarantees no-hassle installation.

KEMPLY®

Kemply saves installation time because pre-finishing of walls (taping and filling of joints) is no longer required, Kemply can be installed over an existing wall surface or directly over a steel or wood studded wall. Stud spacing is recommended to be 16" (0.4m) or less on center. Kemply should not be installed over C-Channel aluminum studs, as the aluminum may not be strong enough to resist any movement in the Kemply paneling should expansion or contraction occur. Install Kemply using adhesive appropriate for the substrate and non-corroding nails, screws, or nylon drive rivets. One-piece moldings are available for 0.425" (10.8mm) thick Kemply panels and two-piece moldings or heavy duty batten strips and corners are available for non-standard thicknesses.

Wall Panel Specification

Wall panels shall be a substrate (choose one substrate listed below) with a factory laminated white skin (choose one skin from below), size to be [4' x 8' ft. or 4' x 10' (1.2m x 2.4m or 1.2m x 3.0m)] and single or double-sided.

Substrates

Gypsum
1/2" (12.7mm) Regular
5/8" (15.9mm) Firecode-X

Plywood
3/8" (9.5mm) BCX-Fir
1/2" (12.7mm) BCX-Fir
5/8" (15.9mm) BCX-Fir
3/4" (19.1mm) BCX-Fir

Oriented Strand Board
1/2" 12.7mm) OSB
3/4" (19.1mm) OSB
3/8" (9.7mm) OSB

Fluted Polypropylene
0.32" (8.1mm) White
0.40" (10.2mm) White

Available Skins

Class C
0.05" (1.3mm) Pebbled Embossed Glasbord-PWI
0.09" (2.3mm) Pebbled Embossed Glasbord-PIF
0.075" (1.9mm) Smooth Glasbord-PSI

Class A
0.09" (2.3mm) Pebbled Embossed Fire-X Glasbord
0.075" (1.9mm) Smooth Glasbord-FSI

Lay-In Ceiling Panel Specifications

Lay-in ceiling panels shall be a substrate (choose one from below) with a factory-laminated white skin (choose one from below), size to be [23.75" x 23.75" (6.03m x 6.03m) or 23.75" x 47.75" (6.03m x 12.13m)] and single or double sided.

Substrates

Gypsum
1/2" (12.7mm) Regular*
5/8" (15.9mm) Firecode-X
*available double-sided with all skins, single-sided with 0.05" PWI only

Available Skins

Class C
0.05" (1.3mm) Pebbled Embossed Glasbord-PWI
0.09" (2.3mm) Pebbled Embossed Glasbord-PIF
0.075" (1.9mm) Smooth Glasbord-PSI

Class A
0.09" (2.3mm) Pebbled Embossed Fire-X Glasbord
0.075" (1.9mm) Smooth Glasbord-FSI

Special sizes are needed for installation with Sanigrid®. See Technical Data #6255.

IDEAL FOR:

Amusement Parks Schools Campgrounds Chemical Processing Convenience Stores
Correctional Facilities Day Care Centers Dormitories Food Processing Hospitals Kennels
Laboratories Locker Rooms Public Restrooms Restaurants Refrigerated Warehouses

CRANE Composites
A Crane Co. Company

Form 6236 Rev. 10 (3976) 4/08

Kemply panels listed above have not been tested for physical properties or fire resistance. All Glasbord finishes have been tested for surface burning characteristics (seeTechnical Bulletins 6226, 6229, 6285, 6296, and 65020). Physical properties and fire resistance data on the substrate are available from the specific substrate manufacturer. Crane Composites makes no representation or warranty as to the composite panel fitness for any specific application, overall physical properties, fire resistance, or burning characteristics. The intended use of laminated panels that use fluted polypropylene as a substrate, is to line the walls or ceilings of car washes and agricultural buildings. Installation of these panels in any application should be approved by the local building code official before panels are ordered. Crane Composites cannot ensure code compliance in all situations.

FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS
The numerical flame spread and smoke development ratings are not intended to reflect hazards presented by Crane Composites products or any other material under actual fire conditions. 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"). CRANE COMPOSITES 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. It is offered in good faith, but 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.

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