

## **BUILDING PRODUCTS LISTING PROGRAM**

Customer: Kreysler & Associates  
Class: Fiberglass Reinforced Polymer Panels  
Location: 501 Green Island Rd., American Canyon, CA 94503  
Website: www.kreysler.com

Listing No. B1033-1  
Report No. B1033-1, Edition 5

Effective Date: August 30, 2011  
Last Revised Date: August 30, 2017  
Expires: <N/A>

Standards: ASTM E84 – “Standard Test Method for Surface Burning Characteristics of Building Materials”

NFPA 285 – “Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load Bearing Wall Assemblies Containing Combustible Components”

Product: Fire resistant composite panels for interior and exterior architectural applications, constructed from fiberglass and fire retardant resin.

Markings: Products are marked in a permanent manner where it is readily visible after installation with the following:

- a) Company Name
- b) Product Name
- c) Month and year of manufacture
- d) QAI Logo with “us” identifier
- e) QAI file Number: B1033-1
- f) ASTM E84
- g) Class A
- h) NFPA 285 (For Kreysler Fireshield 285 product only)
- i) QAI logo shown here:



Models / Ratings: **ASTM E84-Product Designations**

Product Name	Flame Spread Index (FSI)	Smoke Developed Index (SDI)	Ratings	Thickness Range
Kreysler Fireshield 285	≤25	≤450	Class A	1/8-inch to 3/8-inch
Kreysler Fireshield-A2	≤25	≤450	Class A	1/4-inch to 3/4-inch
Kreysler Fireshield-B1	≤25	≤450	Class A	1/4-inch to 3/4-inch
Kreysler Fireshield-B11	≤25	≤450	Class A	1/4-inch to 3/4-inch
Kreysler Fireshield-B12	≤25	≤450	Class A	1/4-inch to 2-inch

**NFPA 285 Assembly Information – Non-load Bearing Exterior Wall Assembly, Types I-IV Construction**

No.	Component	Description
1	Interior Wallboard	Minimum 5/8-inch Type X gypsum wallboard complying with ASTM C1396 and listed by an approved agency. Gypsum joints to be finished with 2-inch tape and treated with joint compound compliant to ASTM C475. Wallboard is to be fastened to studs in accordance with the applicable code.
2	Studs	Minimum 20-ga, 3 5/8-inch C-channel steel studs spaced at maximum of 16" on center (OC).
3	Insulation (Optional)	Any thickness mineral wool may be used in the wall cavity or unfaced fiberglass batt.
4	Fire Blocking	Minimum 5-inch thickness mineral wool installed between mullion support structure gaps.
5	Cladding Support Structure	Horizontal and vertical aluminum mullions anchored to code complying wall structure to resist intended service loads. Aluminum mullion anchorage to be reviewed and approved by the authority having jurisdiction.
6	Exterior Sheathing (Optional)	Minimum 5/8-inch Type X exterior gypsum wallboard complying with ASTM C1177 and listed by an approved agency. Sheathing is to be applied horizontally and fastened with minimum



		1 ¼-inch length #6 Type S screws spaced at 8 inches OC around the perimeter and 12 inches OC in the field. Joints of the exterior gypsum are to be staggered from the interior gypsum by minimum 1 stud cavity.
7	Exterior Cladding	Kreysler Fireshield 285 fire resistant composite panels with a nominal thickness of 0.18-inches. Fireshield 285 panels had 1/4-inches aluminum blades for connection to the main aluminum support structure. Cladding connection to aluminum mullions is to be designed to resist expected service loads. Cladding anchorage to be reviewed and approved by the authority having jurisdiction.
8	Window Treatment	20-ga galvanized steel flashing shall be used on the interior surface of the window opening.

Notes: Installation of this product must comply with local building codes and is subject to inspection by the authority having jurisdiction. ASTM E84 and NFPA 285 standards do not address all possible end use concerns. It is the responsibility of the end user of the product to determine the suitability of the product for the intended application.

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