

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
 Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION
 DR-624

Effective Date: May 1, 2013
 Reevaluation Date: **April 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 7000 HP Reinforced and Non-Reinforced Aluminum Sliding Glass Doors, Impact Resistant, manufactured by

WinDoor Incorporated
7500 Amsterdam Drive
Orlando, Florida 32832
Telephone: (407) 481-8400
www.windowinc.com

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 7000 HP; Aluminum Non-Reinforced, Sliding Glass Door (OXXX)	LC-PG60 193x98; ASTM E 1886 & E 1996	+60,-70
2	Series 7000 HP; Aluminum Reinforced, Sliding Glass Door (OXXX)	LC-PG80 193x98; ASTM E 1886 & E 1996	+80,-90

Component Dimensions:

System	Overall Door Size	Operable Panel Size	Fixed / Dead Panel Size
1	193 ⁷ / ₁₆ " x 98"	48 ⁵ / ₈ " x 96 ¹ / ₁₆ "	48 ⁵ / ₈ " x 96 ¹ / ₁₆ "
2	193 ⁷ / ₁₆ " x 98"	48 ⁵ / ₈ " x 96 ¹ / ₁₆ "	48 ⁵ / ₈ " x 96 ¹ / ₁₆ "

Product Identification (Certification Agency Label on the Door):

System	Certification Agency	
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-298 & 167-746
	Product Name	Series 7000 HP Alum Non-Reinforced SGD with 2 1/2" and 3 1/8" risers
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886 & E 1996

Product Identification (Certification Agency Label on the Door):

System		
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 167-299, 167-747 & 167-748
	Product Name	Series 7000 HP Alum Reinforced SGD with 3 1/8" and 4 1/4" risers
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; ASTM E 1886 & E 1996

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System		
1-2	Type of Installation	Door Frame
	Wall Framing	Wood (Spruce-Pine-Fir); Concrete (minimum compressive strength of 3,192 psi); Masonry (ASTM C-90)
	Fasteners	Wood: No. 12 wood screw; Concrete: 1/4" diameter Tapcons
	Fastener Embedment	Wood: Minimum of 1 5/8 inches into the wall framing; Concrete: Minimum of 1 1/4 inches into the wall framing
	Fastener Location/Spacing	The sliding glass doors shall be installed in strict accordance with this product evaluation report and WinDoor Incorporated drawings 08-01660, sheets 1 – 14 of 14, Revision A, dated June 29, 2012, signed and sealed by Luis R. Lomas, P.E. on December 17, 2012.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.