

Product Evaluation

DR887 | 0621

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at 800-248-6032.

Evaluation ID: DR-887

Effective Date: June 1, 2021

Re-evaluation Date: April 2024

Product Name: Camelot Vinyl Sliding Glass Doors, Fin and Frame Installation, Impact Resistant

Manufacturer: Northeast Building Products

4280 Aramingo Ave
Philadelphia, PA 19124
(215) 535-7110

General Description:

System	Description	Label Rating	Design Pressure
1	Camelot Vinyl Sliding Glass Door; OX, XO	LC-PG50 96 x 96-Type SD Missile Level D	+50 / 50 psf

Product Dimensions:

System	Overall Size	Panel Size	Maximum Glass Daylight Opening Size
1	96" x 96"	Two: 48" x 93"	40-1/4" x 85-1/8"

Product Identification (Certification Label on Door):

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR 86-209; CAR 86-185
	Product Name	Camelot Series Impact Sliding Glass Door (NC/Rep)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11 AAMA 506-11; Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1	Type of Installation	Install the door in accordance with Northeast Building Products drawing TDI-CAMELOT-SGD-LM; titled: "Camelot Sliding Glass Door Large Missile Impact;" sheets 1 through 4 of 4, dated May 1, 2017; Revision A; signed and sealed by Lucas A. Turner, P.E on February 18, 2021.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions at the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.