



Product Evaluation

DR776 | 1016

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-776

Effective Date: October 1, 2016

Re-evaluation Date: February 2018

Product Name: Kings Royal "DP50" Sliding Patio Door, Vinyl, New Construction, Non-Impact Resistant

Manufacturer: Soft-Lite Windows
10250 Philipp Parkway
Streetsboro, OH 44241
(330) 528-3400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Kings Royal "DP50" Sliding Patio Door	R-PG50 71 x 80 SD	+50 / -50 psf

Product Dimensions - Doors:

System	Overall Size	Panel Size (2)	Max Daylight Size
1	71" x 80"	36-1/4" x 76-3/16"	29" x 69-1/2"

Hardware and Components:

System	Component	Quantity	Attachment Method
1	Two Point Mortise Lock and Handle System	1	Hardware and components must be installed in accordance with Soft-Lite drawing TX-4589 titled: Kings Royal "DP50" Sliding Patio Door "Non-Impact" dated 1/11/16, signed & sealed by Lyndon F. Schmidt, P.E. on 3-3-16.

Product Identification (Certification Label on Door):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SL-1
	Product Name	Kings Royal SGD
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

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

Installation:

System		
1	Type of Installation	Doors and anchors must be installed in accordance with Soft-Lite drawing TX-4589 titled: Kings Royal "DP50" Sliding Patio Door "Non-Impact" dated 1/11/16, signed & sealed by Lyndon F. Schmidt, P.E. on 3-3-16.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.