

2.97 x 7/8 RIB

PROFILE #: 009

009DL | 8oz. Duralite

TABLES BELOW IN FEET AND INCHES ONLY

ROOFING: POSITIVE LOADS		LIMITING CRITERIA: 2.5 to 1 Safety Factor						45 to 1 Deflection Limit Ratio (L/D)					
Panel Description: 2.67 x 7/8		Panel Strength = 15,000 psi						Flexural Modulus = 1,000,000 psi					
Duralite		20 psf			30 psf			40 psf			50 psf		
8.0 oz./sq. ft.		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Generic: 009DL		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Stress Limit		5'-5"	5'-5"	6'-1"	4'-5"	4'-5"	4'-11"	3'-10"	3'-10"	4'-4"	3'-5"	3'-5"	3'-10"
Deflection Limit		3'-5"	4'-7"	4'-3"	3'-0"	4'-0"	3'-8"	2'-9"	3'-8"	3'-4"	2'-6"	3'-5"	3'-1"

Generic: 009DL

ROOFING/SIDING: WIND LOADS		LIMITING CRITERIA: 1.88 to 1 Safety Factor						20 to 1 Deflection Limit Ratio (L/D)					
Panel Description: 2.67 x 7/8		Panel Strength = 15,000 psi						Flexural Modulus = 1,000,000 psi					
Duralite		20 psf			30 psf			40 psf			50 psf		
8.0 oz./sq. ft.		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Generic: 009DL		1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN	1 SPAN	2 SPAN	3+ SPAN
Stress Limit		6'-3"	6'-3"	7'-0"	5'-1"	5'-1"	5'-9"	4'-5"	4'-5"	4'-11"	4'-0"	4'-0"	4'-5"
Deflection Limit		4'-6"	6'-0"	5'-7"	3'-11"	5'-3"	4'-10"	3'-7"	4'-9"	4'-5"	3'-4"	4'-5"	4'-1"

NOTE: This information is provided as preliminary data for designers. It should be checked and verified and its use determined by a duly licensed engineer or architect. **NOTE:** Spans will vary with resin formulation, glass content, and thickness. For data on other profiles, formulations, or conditions contact the technical department. **DISCLAIMER:** These load span tables do not reflect any span reduction that may be associated with various fastening options.

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Since 1954, Valto Engineered Materials has provided innovative products and services and is a leading provider of FRP composite panels. Our lightweight composite products deliver unsurpassed strength and durability; and we continue to pioneer next level performance in building materials, recreational vehicles, and transportation.

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