



FLEXBEAM PANEL

PROFILE #: 368

368DL | 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: Flexbeam Panel		Tensile Strength = 15,000 psi						Flexural Modulus = 1,000,000 psi								
Duralite		20 psf			30 psf			40 psf			50 psf			60 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	1 SPAN	2 SPAN	3+ SPAN
Generic: 368DL		8'-0"	8'-0"	9'-0"	6'-7"	6'-7"	7'-4"	5'-8"	5'-8"	6'-4"	5'-1"	5'-1"	5'-8"	4'-8"	4'-8"	5'-2"
Stress Limit		5'-3"	7'-0"	6'-5"	4'-7"	6'-1"	5'-8"	4'-2"	5'-7"	5'-1"	3'-10"	5'-2"	4'-9"	3'-7"	4'-10"	4'-6"
Deflection Limit																

ROOFING/SIDING: WIND LOADS		LIMITING CRITERIA: 2.5 to 1 Safety Factor						20 to 1 Deflection Limit Ratio (L/D)								
Panel Description: Flexbeam Panel		Tensile Strength = 15,000 psi						Flexural Modulus = 1,000,000 psi								
Duralite		20 psf			30 psf			40 psf			50 psf			60 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	1 SPAN	2 SPAN	3+ SPAN
Generic: 368DL		8'-0"	8'-0"	9'-0"	6'-7"	6'-7"	7'-4"	5'-8"	5'-8"	6'-4"	5'-1"	5'-1"	5'-8"	4'-8"	4'-8"	5'-2"
Stress Limit		6'-10"	9'-2"	8'-5"	6'-0"	8'-0"	7'-4"	5'-5"	7'-3"	6'-8"	5'-0"	6'-9"	6'-3"	4'-9"	6'-4"	5'-10"
Deflection Limit																

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