

EVALUATION REPORT



Report Number: 0216
 Originally Issued: 04/2011
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Table 1: Allowable Loads

Load Direction	Bracket ¹	Specific Gravity of Lumber	GreenFasten-1-812(lbs.)	FlashFoot (lbs.)
Uplift	L-101-3	0.52	705	470
Uplift	L-102-3	0.42	432	414
Uplift	SCL-101-3	0.47	604	414
Lateral	L-101-3	0.52	298	171
Lateral	L-102-3	0.42	293	168
Lateral	SCL-101-3	0.47	273	168

1. Brackets are shown in Figures 2, 5 and 6 of this report.

Table 2: Material Properties

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Hex Lag screw	ANSI/ASME B18.2.1-B1 see table 12 QSM for pull out capacities for typical roof lumber (ADS)	Figure 1
Aluminum Bracket	AAS-6061	Figure 2 , 5 & 6
EPDM Metal roof bushing (washer)	Type 304 stainless steel complying with ASTM A 240	Figure 3
EPDM Grommet	ASTM D412, D297, D2240, and ASTM D624, with a durometer rating of 60	Figure 4
Flashing	ASTM B-209, ASTM E-1251, and ASTM B-557	Figure 4
Aluminum Support Plate		Figure 8