



LISTING INFORMATION OF Alucoil - larson® by Alucoil® PE 3 mm, 4mm and 6 mm ACM

SPEC ID: 28633

Alucoil North America LLC
1976 Joe Rogers Jr Blvd

Manning, SC 29102

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larson® by Alucoil® PE 3 mm, 4mm and 6 mm ACM consist of 0.5 mm aluminum skins on both sides with a proprietary, Polyethylene (PE) core with a total panel thickness of 3mm, 4mm or 6 mm

RATINGS

ASTM E84	FLAME SPREAD INDEX	SMOKE DEVELOPMENT INDEX
larson® by Alucoil® PE ACM	0	0

AC25 Sec. 4.5 ASTM D1781	Average Peel Torque > 22.5 in-lb/in
AC25 Sec. 4.6 ASTM D1781	Average Freeze-Thaw Peel Torque 33.0 in-lb/in

AC25 Sec. 4.1.4	ASTM E72	MCM Panels with 60 inch Adhered Stiffeners 24 in o.c. 60 inch Span w/ S.F. = 2 Strength
	POS.	NEG.
3 mm	33.75 PSF	37.65 PSF
4 mm	37.50 PSF	29.00 PSF
6 mm	45.00 PSF	37.50 PSF

AC25 Sec 4.1.5	ASTM E72 Serviceability	MCM Panels with 60 inch Adhered Stiffeners 24 in o.c. 60 inch Span
	POS. L/60	NEG. L/60
3 mm	30 PSF	40 PSF
4 mm	30 PSF	40 PSF
6 mm	40 PSF	50 PSF

AC25 Sec 4.3 Fastener Pull Through	Maximum Test Load
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larson® by Alucoil® PE ACM	Pull Through
1/8 " Pop Rivet	305 lbf
#12 x 1" Self-Tapping Screw	425 lbf

AC25 Sec 4.3 Fastener Shear larson® by Alucoil® PE ACM	Maximum Test Load Shear
1/8 " Pop Rivet	356 lbf
#12 x 1" Self-Tapping Screw	740 lbf

<u>Attribute</u>	<u>Value</u>
CSI Code	07 42 13 Metal Wall Panels
Listed or Inspected	LISTED
Report Number	100800917COQ001, 100757812MID-007a
Criteria	ASTM E72 (2005)
Criteria	ASTM E84 (2012)
Criteria	ICC-ES AC25 (2010)
Intertek Services	Certification
Classification - Flame Spread Index	0
Classification - Smoke Developed Index	0
Listing Section	WALL ASSEMBLIES
Test Original Issue Date	July 23, 2012
Verification Testing	YES
Verification Test Type	FTIR