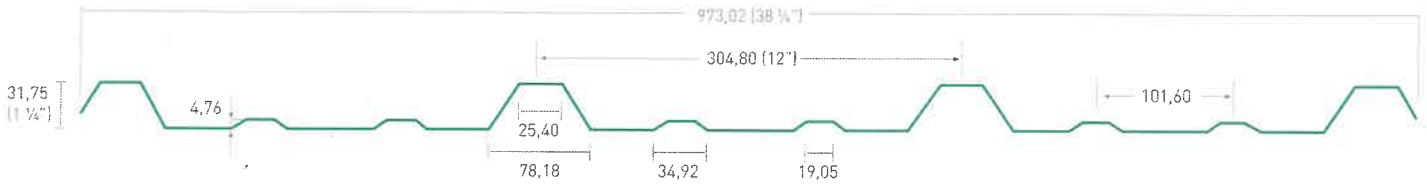


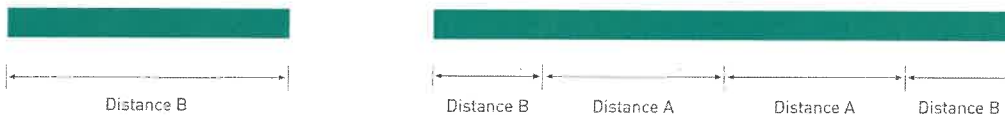
# MACROLUX ROOFLITE R PANEL 304.8 (12") / 31.75 (1 1/4")



**Table A. Physical properties**

PROPERTY	TYPICAL VALUE			
Thickness	.8 mm	.031"	.9mm	.035"
Weight	1.21 kg/m <sup>2</sup>	.25 lb/ft <sup>2</sup>	1.36 kg/m <sup>2</sup>	.29 lb/ft <sup>2</sup>
Width	Nominal (Sheet max) 973 mm (38 1/4")			Useable 914 mm (35 3/4")
Length	Up to 7.32 meters (24")			
Available colors	Clear, Opal, Bronze and HD Soft White			
Thermal expansion	0.065 mm/m °C			
Minimum radius of curvature	7.5 meters (24 5/8')			
Minimum slope	5%			
Recommended fixing	Self-drilling 6.3 x 60 mm (1/4"x 2 3/8") with EPDM gasket every 305 mm (12") Self-tapping for wood 6.5 x 75 mm (1/4"x 3") with EPDM gasket max every 305 mm (12") Seaming plug max every 300 mm (11 4/5") To avoid buckling, it is necessary to oversize the holes in 1/8" more.			
Spacer made of foamed PE	Not available			

## TABLE B. BREAKING STRENGTH VALUES (\*) FOR EVENLY DISTRIBUTED LOADS



THICKNESS mm	DISTANCE A				DISTANCE B			
	13 lb/ft <sup>2</sup>	19 lb/ft <sup>2</sup>	25 lb/ft <sup>2</sup>	31 lb/ft <sup>2</sup>	13 lb/ft <sup>2</sup>	19 lb/ft <sup>2</sup>	25 lb/ft <sup>2</sup>	31 lb/ft <sup>2</sup>
0.8	1200mm (47 1/4")	1100mm (43 1/4")	1000mm (39 1/4")	900mm (35 1/2")	950mm (37 1/2")	900mm (35 1/2")	880mm (31 1/2")	800mm (31 1/2")
0.9	1250mm (49 1/4")	1150mm (45 1/4")	1050mm (41 1/3")	950mm (37 1/2")	950mm (37 1/2")	900mm (35 1/2")	850mm (33 1/2")	800mm (31 1/2")

(\*) Breaking strength values (safety coefficient 1.5)

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