

# THRUFLOW

PREMIUM DECKING SOLUTIONS

## ThruFlow™ SOL- Specification Chart

Colours Available	Maple	Light Grey
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Base Material		FRPP - Fibreglass Reinforced Polypropylene
Sizes	feet	1 x 4
Detail Sizes - ( L x W x H ) <sup>1</sup>	inch	11.90 x 47.87x 1.20
	mm	301.3 x 1215.8 x 30.5
Support Span	inch	16.00
	mm	406.00
Weight	lbs	6.00
	kg	2.72
Load Capacity at 0.125" Deflection <sup>2</sup>	lb <sub>f</sub>	312.80
	kN	1.40
Load Capacity - Peak Load <sup>2</sup>	lb <sub>f</sub>	1415.60
	kN	6.30
Concentrated Static Load - Peak Load <sup>4</sup>	lb <sub>f</sub>	750.00
ASTM E661	kN	3.30
Coefficient of Friction <sup>3</sup>	Static	0.78
	Kinetic	0.76
ASTM D2394-83		
Thermal Expansion <sup>4</sup>	1/°F	1.40 x 10 <sup>-5</sup>
ASTM D696-03	1/°C	2.52 x 10 <sup>-5</sup>
Light thru Surface	%	50
U/V Light Properties	UV Stabilized by Additive	
Power Output	12-13.8 Volts - 24 Watts - 2 Amps	
Warranty	Lifetime limited for ThruFlow Panel.	
	Solbian for Solar. See ThruFlow website for details.	

For full test reports please contact ThruFlow Inc.  
 700 Gillard St., Wallaceburg, ON, N8A 4L3  
 1-888-478-3569 / sales@thruflow.com

<sup>1</sup> Tolerances: ±2mm for length, ±1mm for width, ±0.5mm for thickness

<sup>2</sup> UNB Wood Science and Technology Centre - Report# WSTC2018-007

<sup>3</sup> Cambridge Material Testing Limited - Report# 356155J-04

<sup>4</sup> Cambridge Material Testing Limited - Report# 356155D-04

Please note the width on all parts listed include the width of the tabs on one side of the part.

