

THRU-FLOW

PREMIUM DECKING SOLUTIONS

ThruFlow™ Surge 50 - Specification Chart

Colours Available	Maple	Light Grey	Seafoam
-------------------	-------	------------	---------

Base Material		FRPP - Fibreglass Reinforced Polypropylene	
Sizes - (L x W x H) ¹	inch	11.56 x 35.94 x 1.20	11.85 x 47.87 x 1.20
	mm	293.60 x 913.0 x 30.5	301 x 1216 x 30.5
Support Span	inch	18	16
	mm	457	406
Weight	lbs	4.34	5.82
	kg	1.97	2.64
Load Capacity at 0.125" Deflection ²	lb _f	TBD	453
	N	TBD	2,012
Load Capacity - Peak Load ²	lb _f	TBD	1,555
	N	TBD	6,912
Concentrated Static Load - Peak Load ² <i>ASTM E661</i>	lb _f	TBD	653
	N	TBD	2,903
Coefficient of Friction ³ <i>ASTM D2394-83</i>	Static	0.78	
	Kinetic	0.76	
Thermal Expansion ⁴ <i>ASTM D696-03</i>	1/°F	1.40 x 10 ⁻⁵	
	1/°C	2.52 x 10 ⁻⁵	
Light thru Surface	%	50	
U/V Light Properties		UV Stabilized by Additive	
Warranty		Lifetime limited	

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

¹ Tolerances: ±2mm for length, ±1mm for width, ±0.5mm for thickness

² UNB Wood Science and Technology Centre - Report# WSTC2018-007

³ Cambridge Material Testing Limited - Report# 356155J-04

⁴ Cambridge Material Testing Limited - Report# 356155D-04