



Thruflow™ Impact Specification Chart

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

| Base Material | | Co-polymer high impact Propylene | | |
|---|---------------------------------|----------------------------------|---------------------|-----------------|
| Sizes - (L x W x H) | inch | 11.56 x 35.94 x 1.2 | 11.58 x 35.94 x 1.2 | 12 x 60 x 1.2 |
| | mm | 293.6 x 913 x 30.5 | 294.1 x 1216.7 x 30 | 305 x 1524 x 30 |
| Support Span | inch | 18 | 16 | 15 |
| | mm | 457 | 406 | 381 |
| Weight | lbs | 3.8 | 4.9 | 6.5 |
| | Kg | 1.7 | 2.3 | 2.9 |
| Load Capacity at 0.125" Mid Span Deflection ¹ | lb _f | TBD | 309.26 | TBD |
| | kN | TBD | 1.4 | TBD |
| Load Capacity - Peak Load ¹ | lb _f | TBD | 1,651.4 | TBD |
| | kN | TBD | 7.3 | TBD |
| Concentrated Static Load - Peak Load ¹ <i>ASTM E661</i> | lb _f | TBD | 918 | TBD |
| | kN | TBD | 4.1 | TBD |
| Coefficient of Friction ² | Static | 0.78 | | |
| | <i>ASTM D2394-83</i> Kinetic | 0.76 | | |
| Thermal Expansion ³ <i>ASTM D696-03</i> | 1/°F | 1.40 x 10 ⁻⁵ | | |
| | 1/°C | 2.52 x 10 ⁻⁵ | | |
| Light Availability ⁴ | Surface | 50 | | |
| | 18" Dock Height | 61 | | |
| | 60" Dock Height | 84 | | |
| U/V Light Properties | | U/V Stabilized by Additive | | |
| Warranty | | Lifetime Limited Warranty | | |

For full test reports please contact ThruFlow Inc.
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¹ UNB Wood Science and Technology Centre - Report# WSTC2014-044

² Cambridge Material Testing Limited - Report# 356155J-04

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

⁴ Cambridge Material Testing Limited - Report# 354661-04