

FLEXITEEK 2G MATERIAL PROPERTIES

| Property type | Test Criteria | Property value / result |
|---|---------------|---|
| Material Thickness | EN 428 | 5.0 mm |
| Determination of mass per unit area | ISO 23997 | 4.5 kg per m ² |
| Determination of wear resistance | EN 660-2 | 1.2 mm ³ /100 rev. Classification according to EN 651 = T Best out of four groups. |
| Determination of dimensional stability | ISO 23999 | Longitudinal: -0.85% Transverse: 0.19% |
| Determination of indentation and residual indentation | ISO 24343-1 | 0.148 mm |
| Method for measurement of slip / skid resistance of a surface | EN 13036-4 | Dry: PTV = 102 Wet: PTV = 93 Flexiteek 2G fulfills the UK Slip Resistance Group in England recommendations of low slip potential with all values > 36. |
| Thermal Conductivity | ISO 22007-2 | Flexiteek 2G = 0.158 W/m/K Flexiteek 1G = 0.222 W/m/K Permateek = 0.212 W/m/K New Teak = 0.158-0.200 W/m/K Aged Teak = 0.171-0.245 W/m/K Shall be as low as possible. |
| Specific Heat per Volume Unit | ISO 22007-2 | Flexiteek 2G = 1.51 MJ/m ³ K Flexiteek 1G = 1.87 MJ/m ³ K Permateek = 1.87 MJ/m ³ K New Teak = 0.99 MJ/m ³ K Aged Teak = 1.13 MJ/m ³ K |

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