## *Comcork Technical Data by Profile*

| | Standard | WalkEasy | Low Profile | Aquadeck | | Textured/Sports |
|---|---|---|---|---|---|---|
| | | | | • | ◆ | |
| **Sheet Thickness (mm)** | | 2.5/3.2/4.5/6.0 | 3.2 | 3.5 | | 3.2 |
| **Slip Resistance** | | | | | | |
| - Dry Floor Friction | AS 4586:2013 | D1 | D1 | D1 | D1 | D1 |
| - Wet Pendulum | AS 4586:2013 | P3 | P4 | P5 | P5 | P4 |
| - Wet/Barefoot Ramp | AS 4586:2013 | - | C | C | C | - |
| - Oil-Wet Ramp | AS 4586:2013 | 9.0°/R10 | 14.0°/R10 | 22.0°/R12 | 22.0°/R12 | 14.0°/R10 |
| - Co-efficient of Friction Dry/ Wet, >0.4 | NZS 3661.1 1993 | Yes/Test | Yes/Test | Yes/Test | Yes/Test | Yes/Test |
| **Fire Ratings** | | | | | | |
| - Critical Radiant Flux (kW/m²) | AS/NZS 9239.1 | 8.3/7.7/7.3/6.7 | 10.7 | 10.7 | | 10.8/11.0 |
| - Smoke Developed Rate (%.min) | | 257/190/260/313 | 137 | 95 | | 92/150 |

| | | |
|---|---|---|
| Sports Floor Rebound Resilience | AS 2983.4-1998, BS 7044 Pt.3-1991 | Pass |
| Sports Floor Slip Resistance | AS 2983.4-1998, BS 7044 Pt.3-1991 | Pass |
| Sports Floor Impact Attenuation | AS 2983.4-1998, BS 7044 Pt.3-1991 | Pass |

| *Walk Easy Acoustic Properties* | | Walk Easy 2.5 | Walk Easy 3.2 | Walk Easy 4.5 | Walk Easy 6.0 |
|---|---|---|---|---|---|
| **ΔLw (Impact Sound Reduction)** | ISO 717-2:2013 | 11 db | 12 db | 14 db | 15 db |
| **ΔLlin (Peak Sound Pressure Level)** | ISO 717-2:2013 | 3 | 4 | 5 | 6 |
| **IIC (Impact Insulation Class)** | ASTM E989-89 | 42 | 43 | 46 | 47 |
| **Ln,w (Impact Sound Pressure Level)** | ISO 717-2:2013 | 68 | 67 | 65 | 63 |
| **Ci (Modified Impact Sound Pressure)** | ISO 717-2:2013 | -4 | -4 | -3 | -2 |
| **Rw (Weighted Sound Reduction Index)** | AS/NZS 1276 | 64 | 63 | 62 | 61 |

## *General Properties*

| | | |
|---|---|---|
| **Sheet Size** | | 1800 x 900mm |
| **Sheet Coverage** | | 1.62m2 |
| **Manufactured in** | | Australia |
| **Average Density (kg/m3)** | | 830 |
| **Tensile Strength (kPa)** | | 3,890 |
| **Flexibility when bent around x 5 mandrel** | | Pass no cracks |
| **Coveable** | | Thicknesses up to 3.2mm easily coved. |
| **Underfloor Heating** | | Suitable to maximum of 70C |
| **Compressibility 28kg load applied** | ASTM F36 | 28% |
| **Recovery after 1 minute** | ASTM F36 | 80% |
| **Taber Abrasion 1000g @ 1000 cycles** | ASTM C501-84 | 0.2011g |
| **Thermal Conductivity (W/mK)** | ASTM C518-04 | 0.1415 |
| **Thermal Resistance (m2K/W)** | ASTM C518-04 | R value = 0.023 |
| **Group Number Assessment** | AS 5637.1-2015 | 3 |
| **Walk Easy Anti-Static** | AS 2834-1995 Appendix D | 4 MΩ |
| **Ultra Violet/ Weathering (after 1000 hrs)** | AS 1580 method 483.2 | No change other than slight lightening after 670 hrs. |
| **Surface Flammability for Safety of Life at Sea** | IMO A.653 (16)/MSC 61 (67) | |
| - Critical Flux at extinguishment (CFE) | | 23.9 kW/m² |
| - Heat for sustained burning (Qsb) | | 3.1MJ/m² |
| - Total heat release (Qt) | | 0.8 MJ |
| - Peak heat release rate (Qp) | | 2.2 kW |
| **Chemical Resistance** (listing upon request) | ASTM F925 | No change with animal fats, blood, urine & some acids |
| **Stain Resistance** (listing upon request) | DIN 51 958 | No change after 24 hours with animal fats, blood, urine & some acids. |
| **Environmental** | Global Green Tag | Level C |
| **Volatile Organic Compound <500** ug/m²/hr | ASTM D5116 | 254 ug/m²/hr |
| **Warranty** | Ten (10) year standard manufacturer's warranty provided on all profiles. | |