

Comcork Technical Data by Profile

	Standard	WalkEasy	Low Profile	Aquadeck		Sports	Ergo Floor
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Sheet Thickness (mm)		2.5/3.2/4.5/6.0	3.2	3.5		3.2/5.0	3.2
Slip Resistance - Dry Floor Friction - Wet Pendulum - Wet/Barefoot Ramp - Oil-Wet Ramp - Co-efficient of Friction Dry/ Wet, >0.4	AS 4586:2013 AS 4586:2013 AS 4586:2013 AS 4586:2013 NZS 3661.1 1993	D1 P4 - 11.7°/ R10 Pass	D1 P4 B 18.9°/ R10 Pass	D1 P4 C 29.4°/ R12 Pass	D1 P4 C 32.3°/ R12 Pass	D1 P4 B 14.2°/ R10 Pass	D1 P4 B 16.5°/ R10 Pass
Fire Ratings - Critical Radiant Flux (kW/m ²) - Smoke Developed Rate (%.min)	AS/NZS 9239.1	8.3/7.7/7.3/6.7 257/190/260/313	10.7 137	10.7 95		10.8/11.0 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 (Sound Power Level)	ISO 717-2:2013	11 db	12 db	14 db	15 db		
ΔLin (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		
C1 (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	1.62m ²						
Manufactured in	Australia						
Average Density (kg/m ³)	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 (m ² K/W)	ASTM C518-04	R value = 0.023					
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 - Critical Flux at extinguishment (CFE) - Heat for sustained burning (Qsb) - Total heat release (Qt) - Peak heat release rate (Qp)	IMO A.653 (16) MSC 61 (67)	23.9 kW/m ² 3.1MJ/m ² 0.8 MJ 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	GECA 25-2011 V2	GECA Approved Licence No. ENT-2014					
Volatile Organic Compound <500 ug/m ² /hr	ASTM D5116	254 ug/m ² /hr					
Warranty	Five (5) year standard manufacturer's warranty provided on all profiles.						