

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 - 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 P3 - 9.0°/R10 Yes/Test	D1 P4 C 14.0°/R10 Yes/Test	D1 P5 C 22.0°/R12 Yes/Test	D1 P5 C 22.0°/R12 Yes/Test	D1 P4 - 14.0°/R10 Yes/Test
Fire Ratings - Critical Radiant Flux (kW/m²) - 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 (Impact Sound Reduction)	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
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				
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/m² 3.1MJ/m² 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	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.					