

Technical Specifications

Slip Resistance Rating

The results below have been compiled after testing Wood Plastic Composite (WPC) products, manufactured by Advanced Plastic Recycling (APR) with anti-slip treatment systems applied by Swan Coatings.

All tests were completed by Independent Slip Testing Services and Stone Initiatives in a NATA accredited Slip Resistance Laboratory.

The Slip Resistance Classification is New Pedestrian Surface Materials, AS 4586-2013. The testing instrument is a Mastrad Wet Pendulum Skid Tester, NATA Accreditation, 14967.

DESCRIPTION	AGGREGATE OR SURFACE TREATMENT	CLASS	DIRECTION	NOTIONAL CONTRIBUTION OF THE FLOOR SURFACE TO RISK OF SLIP WHEN WET	BPN	MSDV
Flat	None	P2 (Y)	-	High	28	-
Groove	None	P4 (W)	Perpendicular	Low	52	-
Groove	None	P2 (Y)	Parallel	High	32	-
Reed	None	P3 (X)	Perpendicular	Moderate	42	-
Reed	None	P2 (Y)	Parallel	High	30	-
Groove	Brush	P4 (W)	Perpendicular	Low	49	-
Groove	Brush	P2 (Y)	Parallel	High	32	-
Reed	Brush	P4 (W)	Perpendicular	Low	52	-
Reed	Brush	P2 (Y)	Parallel	High	33	-
Commercial - Medium	Medium Sand	P5 (V)	Parallel	Very Low	64	5.5°
Commercial - Glass	Glass Beads	P5 (V)	Parallel	Very Low	65	6°
Commercial - Fine	Fine Sand	P5 (V)	Parallel	Very Low	67	7.5°
Industrial - Rough	Rough Aluminium	P5 (V)	Parallel	Very Low	71	10°
Industrial - Fine	Fine Aluminium	P5 (V)	Parallel	Very Low	78	14.5°

INTERPRETATION OF THE WET PENDULUM RESULTS

Classification	Pendulum Mean BPN (4S Rubber)	Notional Contribution of the Floor Surface to Risk of Slip when Wet
P5 (V)	> 54	Very Low
P4 (W)	45 - 54	Low
P3 (X)	35 - 44	Moderate
P2 (Y)	25 - 34	High
P1 (Z)	12 - 24	Very High
P0 (Z)	< 12	Very High

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