

Introduction.

Nutech Paint has conducted a number of skid tests with Nutech Paint floor coatings. The results of these tests will help determine the correct coating and Anti-Slip product for the intended application.

1.0

British Pendulum Skid Tester.



The British Pendulum Skid Tester gives a surface a P rating. The P rating can then be used to determine the correct Anti-Slip product to comply with AS 4586, and AS 4663, for a specified area. Although there is no direct correlation between a P rating and an R rating, compliance is demonstrated by achieving the value set out in the table below for either the wet pendulum test or the oil-wet inclining ramp test. It is not necessary to meet both criteria.

AS 4586, slip resistance classification of new pedestrian surface materials.

AS 4663, slip resistance measurement of existing pedestrian surfaces.

Nutech Paint Skid Test Results



Pendulum Classification

Pendulum Classification		BPN Range		Location Example for P5 to P0 classifications according to HB198:2014
AS 4586-2013	Oil wet inclining platform test	Slider 96	TRL	
P5	R12	> 54	>44	External ramps steeper than 1:14 Loading docks Commercial kitchens Swimming pool ramps and stairs
P4	R11	45 – 54	40 - 44	External colonnade and walkway Pedestrian crossings, driveways Veranda's, Balconies Serving areas behind bars, cold stores Swimming pool surrounds Communal shower rooms
P3	R10	35 - 44	35 - 39	Shopping centre – food court, fresh food areas Entries & access areas - public buildings - WET Undercover concourse of sports stadiums Bathrooms in hospitals and aged care facilities Toilet facilities in public buildings
P2		25 – 34	20-34	Entries & access areas - public buildings - TRANSITIONAL Hotel bathrooms, ensuites and toilets Hotel kitchens and laundries Wards and Corridors in hospitals & aged care facilities
P1		< 25	<20	Entries & access areas - public buildings - DRY Supermarket aisles (except fresh food)



Nutech Paint Skid Test Results



3.0 Nutech Paint Anti-Slip Test Results

Nutech Anti-Slip Product	Nutech Coating	Pendulum Classification
<u>Anti-Slip Additive Standard</u> Double Amount Equivalent to 600 grams Per 20lt	<u>Single Pack Coating</u> Concrete Sealer Pavecoat, Pavecoat H2O	Wet P2
<u>Anti-Slip Additive Coarse</u> 800-900 grams / 20L mixed into final coat.	<u>Single Pack Coatings</u> Pavecoat Pavecoat Petrol Resistant Pavecoat H2O EPIc Industrial Enamel	Wet P3
<u>Two Pack Anti-Slip Fine</u> Applied at 2-5m ² / 1kg cast onto wet surface. Must be top coated to encapsulate Anti-Slip.	<u>Two Pack Coating</u> Epic Epoxy 500 Epic Polycryl	Wet P4
<u>Two Pack Anti-Slip Coarse</u> Applied at 2-5m ² / 1kg cast onto wet surface. Must be top coated to encapsulate Anti-Slip	<u>Two Pack Coating</u> Epic Epoxy 500 Epic Polycryl	Wet P5
<u>Nucourt</u> Factory mixed coatings	<u>Single Pack Coatings</u> Nucourt Roll Coat Nucourt Pro Coat	Wet P5

Important Note

The information given on this data sheet is based on many years' experience and is correct to the best of our knowledge. However, since the use of our product, surface conditions, weather and a number of other factors are completely beyond our control, we can only be responsible for the quality of our product at the time of dispatch. For more information please contact our Company. As this information is of a general nature, we cannot assume any responsibility in individual cases.



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Page 3 of 3

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