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Test Report:
TRRL 'Pendulum' Slip
Resistance Measurements
to a Supplied Section of
Alispar Tread in
Accordance with BS EN
13036-4: 2003.

Authorised by:



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Introduction.

Magma Safety Products Ltd supplied a sample of Alispar Tread for TRRL Slip Resistance Testing which was given our sample reference COA/103262.

The sample under scrutiny was initially tested in dry conditions using a (pedestrian) 4S Rubber Slider (IRHD 94-98) to determine its ‘normal’ Pendulum Test Value, (PTV). The sample was then retested after wetting with clean water in order to determine the PTV during simulated wet conditions.

Measurements were taken in batches of 5 & in 2 directions, (the first direction was parallel to the aggregated strips with the second batch of 5 being at 90° to the first, i.e. across the aggregated strips).

As a guide, the table below (taken from UK Slip Resistance Group Guidelines, Issue 2 - June 2000) indicates the “potential for slipping” resulting from values obtained by this test method and may be used to interpret the results recorded in this report:

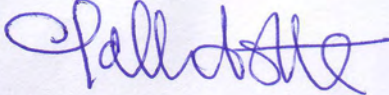
Pendulum Test Value, (PTV).	Potential for Slipping.
0 – 25	High
26 – 35	Moderate
36 – 65	Low
66+	Extremely Low

The sample was conditioning for 24 hours at 23°C ±2 / 50% ±5 RH before performing the testing in similar conditions. The results are presented in tabular format & were as follows:

BS EN 13036-4: 2003

Determination of (TRRL) Pendulum Test Value, (PTV).

Equipment No: COA/052. Slider Detail: Wide, 76mm. Slide Length: 127mm, (± 1). Slider Rubber Type/Ref: 4S. Our reference: Slider 'J'.			
Sample ID.	Dry/Wet	Individual Measurements.	PTV
Alispar Tread, parallel to the direction of the aggregated strips:	Dry.	67, 65, 67, 65, 67	66.2
Alispar Tread, at 90° direction to the aggregated strips.	Dry.	74, 75, 71, 74, 71	73.0
Alispar Tread, parallel to the direction of the aggregated strips:	Wet.	62, 63, 61, 60, 63.	61.8
Alispar Tread, at 90° direction to the aggregated strips.	Wet.	65, 70, 70, 69, 67.	68.2

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