

Technical Fact Sheet

Product Name: Digitac Outdoor Floor SAV

Description: White, deep grain embossed, anti-slip self-adhesive vinyl with an aluminium construction. Suitable for application to walls, concrete, asphalt, brick, tiles, marble, terrazzo and other rough surfaces.

Installation: Sweep the application surface to remove contaminants (dust, dirt, water etc.) & ensure it is completely dry. If the surface is oily, please power wash with commercial degreaser. Peel off the release liner, lay the vinyl flat on the surface and apply pressure over the complete surface area of the vinyl with a J-roller or hard rubber roller, rolling moving from the centre to the edge. Make sure all edges of the film have completely adhered to the surface.

Removal: Use a putty knife (or blade) to peel up a corner, then pull the vinyl away from the surface at an angle less than 45 degrees. No residue remains on the surface with peel-off removal. If the graphics are installed on asphalt or other rough surfaces in locations with heavy vehicle traffic, the vinyl could be difficult to remove and may require power washing at a low angle to remove worn-in graphics

Longevity: Suitable up to 1 year outdoor

Printing: Eco-solvent, UV and Latex

Adhesive: Permanent Solvent Acrylic

Release Liner: Double PE coated

Application Temperature: +10°C ~ + 60°C ~

Technical Data:

Test Items:	Result:	Test Method:
Peel(N/25mm) for 20 minutes	1.4	ASTM-1000 on glass
Peel(N/25mm) for 24 hours	1.5	ASTM-1000 on glass
Peel(N/25mm) at 70°C for 24 hours	2.2	ASTM-1000 on glass
Initial Tack (ball no. 7/cm)	0.1	JIS on stainless steel
Peel Adhesion to liner(g/25mm)	19-20	PSTC-1, 30cm/min
Dimension(min), holding power	1500↑	PSTC-7

Storage: The material must be stored at a temperature of 22°C +/- 2°C and 50% +/- 5% of relative humidity. Do not expose to direct sunlight. The area must be dry and clean. Please keep the material in the original packaging when not used in order to protect it from dust and contaminations.

Outdoor Life: General life times refer to the durability of the unprinted face film when subject to vertical exposure in temperate, non-extreme conditions. Actual performance life will depend on media and surface preparation and exposure conditions. For example the direction and angle of the sign; in areas of long, high temperature exposure; in areas of high pollution or high altitudes, outdoor performance will be decreased.

Important: All values presented in this data sheet provide the general characteristics of the product. It is the responsibility of the customer and/or end user to determine that the product is fit for the specific application it is to be used for. All values presented in this data sheet provide the general characteristics of the product. It is the responsibility of the customer and/or end user to determine that the product is fit for the specific application it is to be used for.

WET PENDULUM SLIP RESISTANCE TEST

S988 Metalised Printable Textured Film

Specimen Description: S988 Metalised Printable Textured Film, 960x1000 mm.

No. of Specimens: 1 off (Sampling Conducted by Client)

Specimen Preparation: As received.

Test Condition & Slope: Unfixed, 0°

Test Direction: Test direction not applicable.

Air Temperature: 21°C

Test Standard: AS 4586:2013 Slip resistance classification of new pedestrian surface materials, Appendix A - Wet Pendulum Test

Test Location: ATTAR Unit 1, 64 Bridge Road, Keysborough.

Test Date: 1 August 2017

Test Equipment: Munro Stanley Pendulum Skid Resistance Tester Serial Number 0320, Calibrated 29/06/2017.

Slider Rubber: Slider 96 Batch No. #70 prepared on P400 & 3µm lapping film.

Test Personnel: Suzanne Andrews

Specimen Number	1	2	3	4	5
Mean British Pendulum Number (BPN)	64	64	65	65	65
Slip Resistance Value (SRV)	65				
Classification	P5				

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip resistance be checked.

Reviewed By:



Suzanne Andrews
 Compliance and Test Technician



Chris Peake BEng (Mech) Hons,
 Mechanical and Testing Engineer
 Approved Signatory

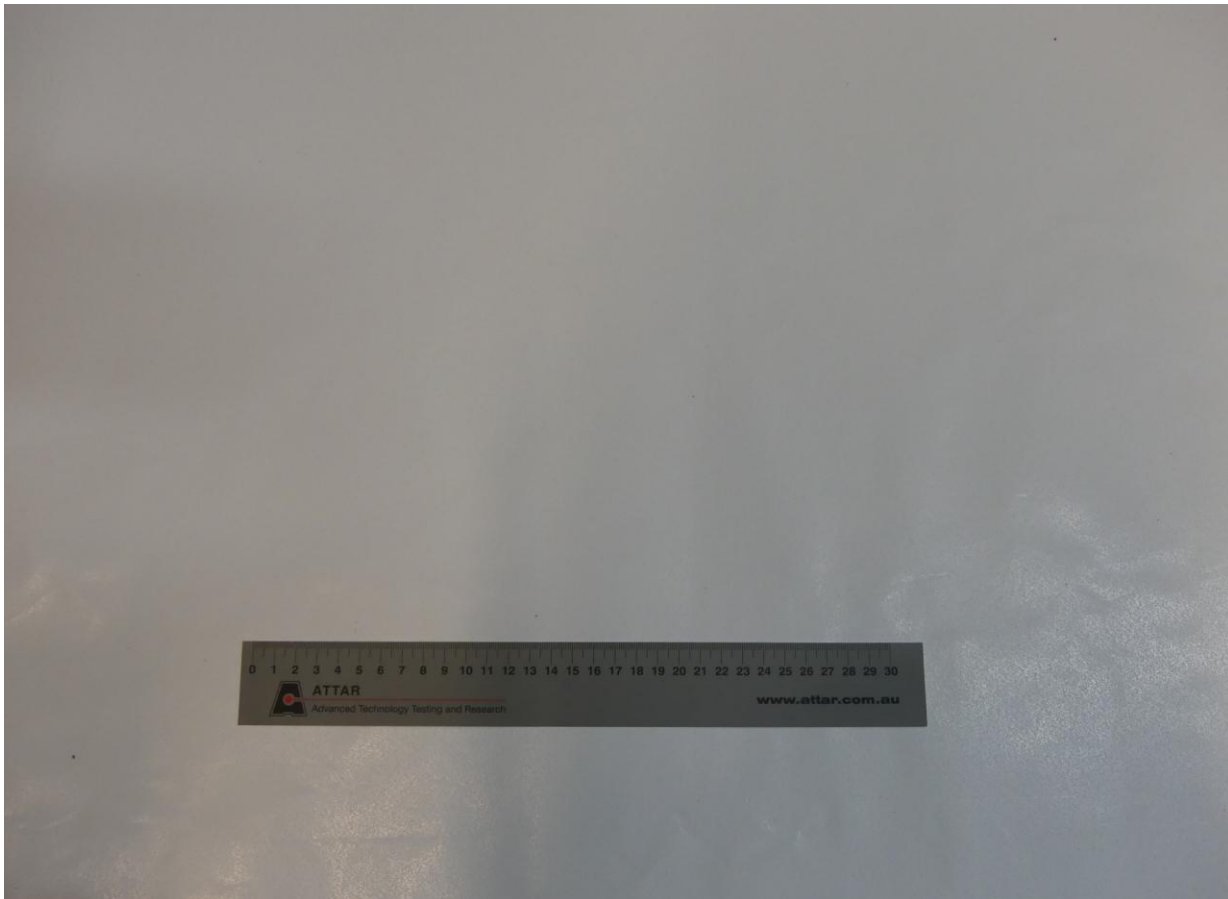


Figure 1: S988 Metalised Printable Textured Film

CLASSIFICATION CRITERIA – AS 4586 – 2013

Wet Pendulum Test - Appendix A

Slip resistance

When this Standard is used for the testing and classification of the slip resistance of carpets (or carpet-like products) in potentially wet locations, the carpet shall be tested using the wet pendulum test method set out in Appendix A of AS 4586, and shall be reported as such.

When this AS 4586 is used for the testing and classification of the slip resistance of carpets in dry locations, the test shall be carried out in the dry condition using the pendulum test method set out in Appendix A of AS 4586, modified in accordance with Paragraph A2, and shall be reported as such.

The 'dry floor friction' test method in Appendix B of AS 4586 is not suitable for heavily profiled surfaces or carpets.

Compliance

The surface shall comply with the stated classification for the test method and test rubber that is nominated and declared by the manufacturer or supplier.

**TABLE 2: CLASSIFICATION OF PEDESTRIAN SURFACE MATERIALS
ACCORDING TO THE AS 4586 WET PENDULUM TEST**

Class	Pendulum SRV (see Note 1)	
	Slider 96	Slider 55
P5	>54	>44
P4	45-54	40-44
P3	35-44	35-39
P2	25-34	20-34
P1	12-24	<20
P0	<12	

NOTES:

- 1 While Slider 96 or Slider 55 rubbers may be used, the test report shall specify the rubber that was used.
- 2 It is expected that these surfaces will have greater slip resistance when dry.
- 3 SDV may be calculated by using the tables that are given in Appendix F of AS 4586, and the minimum SRV that is considered appropriate for a level surface (see examples given in Appendix F of AS 4586).

Means of demonstrating compliance

Pedestrian surfaces that are classified in accordance with Table 2 shall meet the following criteria:

- (a) The mean test results shall be as follows:
 - (i) For the classifications in Table 2, the mean of the test results shall be—
 - (A) within the relevant criteria set out in the table; and
 - (B) each individual result shall be equal to or above the lower limit for the classification or, if below the classification, within the mean of the result minus 20%.

If either criteria is not met, the lot shall be considered to be of lower classification.
- (b) The classification in accordance with Table 2 shall be determined by—
 - (i) selecting and testing at least five specimens at random as specified in Appendices A and B of AS 4586; or
 - (ii) carrying out continuous testing and process control in accordance with AS 3942.
- (c) When testing individual lots, if a particular test fails to produce the expected classification it shall be permissible to—
 - (i) disregard the first sample, resample a minimum of 10 specimens from the whole lot, retest and apply the criteria to the new sample; or
 - (ii) subdivide the lot into smaller lots of different quality, resample, retest and reclassify each of the smaller lots.

OIL-WET INCLINING PLATFORM SLIP RESISTANCE TEST

S988 Metalised Printable Textured Film

Specimen Description:	S988 Metalised Printable Textured Film, 500x900 mm.
No. of Specimens:	1 off
Surface Structure:	Structured
Specimen Preparation:	As received.
Specimen Configuration:	Fixed
Test Direction:	Test direction not applicable.
Joint Type & Width:	N/A
Air Temperature:	20°C
Test Standard:	AS 4586:2013 Slip resistance classification of new pedestrian surface materials, Appendix D - Oil Wet Inclining Platform Test
Test Shoe:	Leipzig V73-SP
Test Location:	ATTAR, Unit 1, 64 Bridge Road, Keysborough.
Test Date:	8 August 2017
Test Personnel:	Darren Cram and Chris Peake

Displacement Space (rounded to the nearest 0.5cm ³ /dm ²):	Not tested
Displacement Space Assessment Group (Appendix E, AS 4586 - 2013):	Not tested
Corrected mean overall acceptance angle (α_{ave}) (rounded down to the nearest degree):	29°
Classification:	R12

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip resistance be checked.

Reviewed By:



 Suzanne Andrews
 Compliance and Test Technician



 Chris Peake BEng (Mech) Hons,
 Mechanical and Testing Engineer
 Approved Signatory

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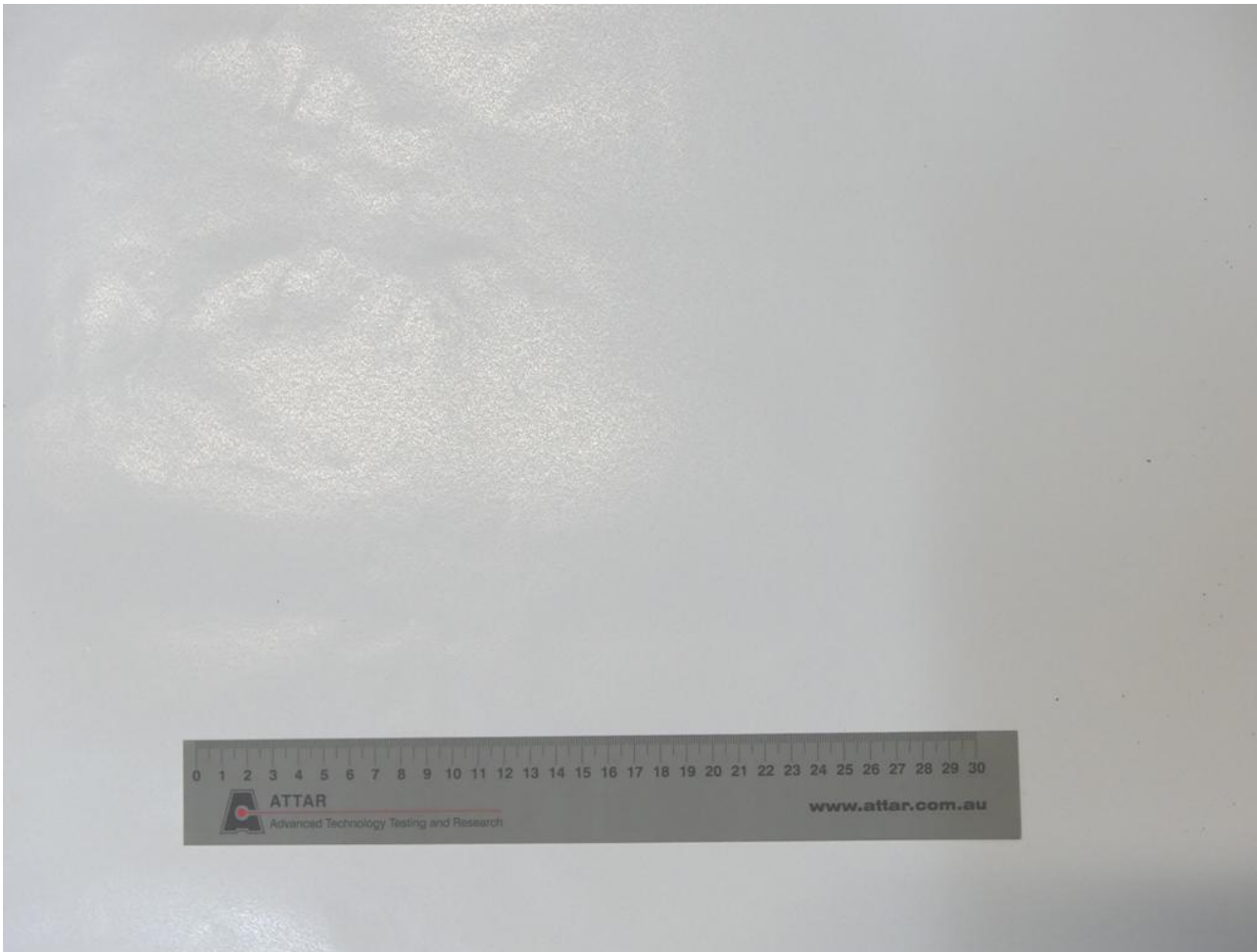


Figure 1: S988 Metalised Printable Textured Film

CLASSIFICATION CRITERIA – AS 4586 - 2013
Oil Wet Inclining Platform Test – Appendix D

Compliance

TABLE 5: CLASSIFICATION OF PEDESTRIAN SURFACE MATERIALS ACCORDING TO THE OIL-WET INCLINING PLATFORM TEST

Classification	Angle, degrees
No Classification	<6
R9	≥6 <10
R10	≥10 <19
R11	≥19 <27
R12	≥27 <35
R13	≥35

DRY FLOOR FRICTION SLIP RESISTANCE TEST

S988 Metalised Printable Textured Film.

Specimen Description:	S988 Metalised Printable Textured Film. 960x1000 mm.
No. of Specimens:	1 off (Sampling conducted by client).
Specimen Preparation:	As received.
Test Condition &	Unfixed. 0°
Slope: Test Direction:	Test direction not applicable.
Air Temperature:	21°C
Test Standard:	AS 4586: 2013 Slip resistance classification of new pedestrian surface materials, Appendix B - Dry Floor Friction Test. ATTAR, Unit 1, 64 Bridge Road, Keysborough, VIC.
Test Location:	
Test Date:	1 August 2017
Test Equipment: Slider	Tortus Floor Friction Tester Mk III, Serial Number 318.
Rubber:	Slider 96 Batch #70 prepared on P400.
Test Personnel:	Suzanne Andrews

Run:	1	2
Coefficient of Friction (COF):	0.94	0.87
Mean COF (rounded to 0.05):	0.90	
Classification:	D1	

These results apply only to the specimens tested and it is recommended that before selection of flooring or paving materials the effect of service conditions, including maintenance procedures and wear on their slip-resistance be checked.

Reviewed by:



 Suzanne Andrews
 Compliance and Test Technician



 Chris Peake BEng (Mech) Hons,
 Mechanical and Testing Engineer
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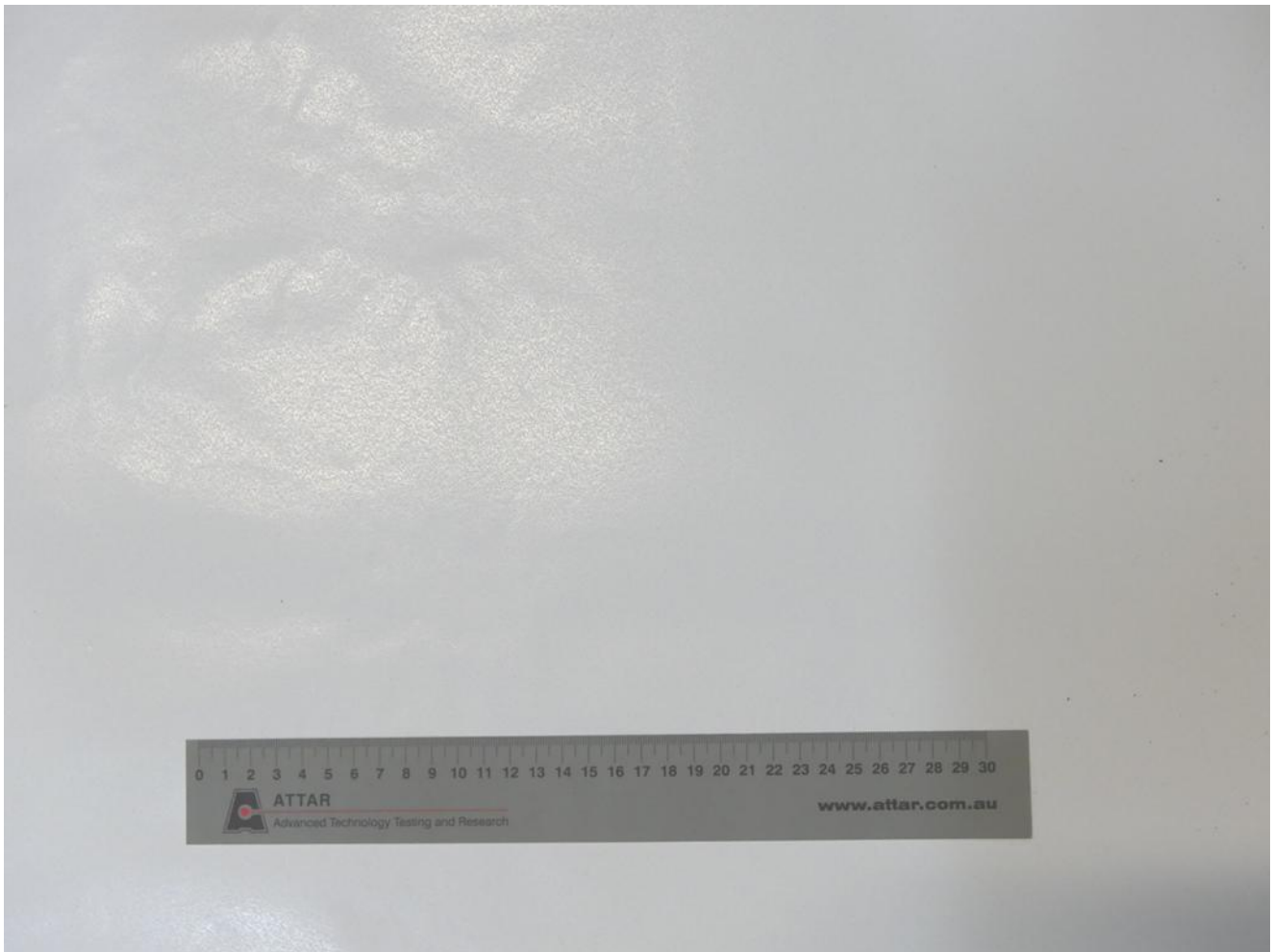


Figure 1: S988 Metalised Printable Textured Film.

CLASSIFICATION CRITERIA – AS 4586: 2013
Dry Floor Friction Test - Appendix B

Slip resistance

The 'dry floor friction' test method in Appendix B is not suitable for heavily profiled surfaces or carpets.

Compliance

The surface shall comply with the stated classification for the test method that is nominated and declared by the manufacturer or supplier.

**TABLE 3: CLASSIFICATION OF PEDESTRIAN SURFACE MATERIALS
 ACCORDING TO THE AS 4586 DRY FLOOR FRICTION TEST**

Classification	Floor friction tester mean value
D1	≥0.40
D0	<0.40

Means of demonstrating compliance

Pedestrian surfaces that are classified in accordance with Table 3 where appropriate, shall meet the following criteria:

- (a) The mean test results shall be as follows:
 - (i) For Classification D1 in Table 3—
 - (A) the mean of the test results shall be equal to or greater than 0.4; and
 - (B) each individual slope corrected result shall be equal to or greater than 0.35.

If either of these criteria is not met, the lot shall be considered to be Classification D0.
- (b) The classification in accordance with Table 3 shall be determined by—
 - (i) selecting and testing specimens at random as specified in Appendix B of AS4586; or
 - (ii) carrying out continuous testing and process control in accordance with AS 3942.
- (c) When testing individual lots, if a particular test fails to produce the expected classification it shall be permissible to—
 - (i) disregard the first sample, resample a minimum of 10 specimens from the whole lot, retest and apply the criteria to the new sample; or
 - (ii) subdivide the lot into smaller lots of different quality, resample, retest and reclassify each of the smaller lots.