

CLICK DRAIN®



A grate innovation to service the drainage market using seamless technology.

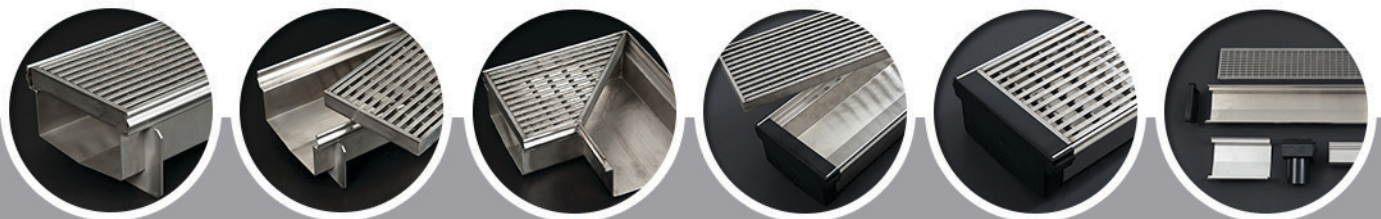
Designed by drainage experts, **CLICK DRAIN®** was developed using PAIGE STAINLESS HEELGUARD®, a full stainless steel drainage system. Superseding existing dated methods and materials currently used in the civil line drain industry. Use this centuries technology for ease of onsite fitting, reduced transport, safety and labour costs. The system utilises the popular 300 series stainless steel, mainly A.I.S.I grade 304 and 316 stainless steel into a multi form drainage channel using heelguard enhanced water flow grates, they are chemical resistant, lightweight and timeless in material selection.

The future of linear drainage!

- 1 metre and 2 metre channel lengths for faster and more accurate install procedures.
- Light weight compared to traditional polymer / concrete drain sections.
- Channel lengths do not crack or shatter when dropped.
- Revolutionary 'click' together channel lengths and components & outlet sections are orientated on site.
- Channel lengths can be cut on site to suit the application.
- 90 deg and 45 deg sections are standard for change of direction.
- Drain terminating ends are simply clicked on.
- Green Tag Certified.
- **CLICK DRAIN®** is impervious to chemicals being a full stainless steel drain configuration.
- **CLICK DRAIN®** is able to be cut using conventional tools, standard hole saws and inert cutting disc materials that are not harmful to the environment.



Global GreenTag is one of the world's most robust, trusted and widely recognised ecolabels. We independently assure that every product is fitness tested and certified under one of our two leading certification programs that use world's best scientific methods. That's why we have earned the reputation and trust of thousands of buyers, hundreds of companies and numerous green building councils, certification bodies and governments around the world.



CLICK DRAIN® A Grate Innovation to Service



Using PAIGE STAINLESS HEELGUARD® grating, and capturing 21 years of market research. This system is specifically designed and built for civil drainage, plumbing and building industry.

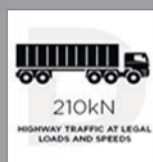
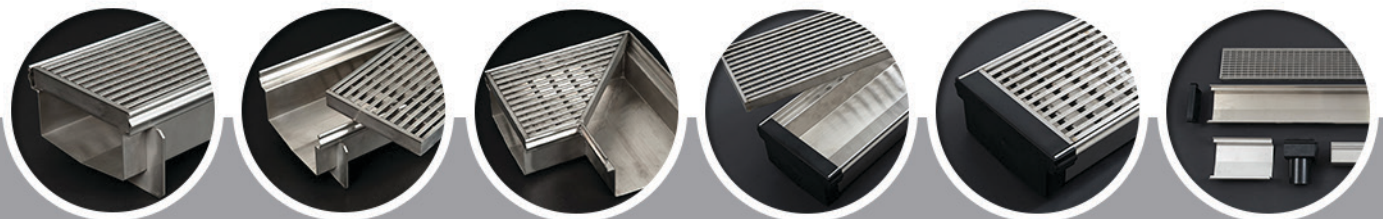
This patented product (Australian std patent number 2007902962) enables both builders and plumbers to basically style the drain on site as required, its clever and unique 'click' together system has out let sections, joiner sections, change of direction sections and stop ends to create a drain for all site requirements.

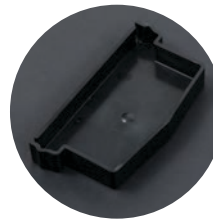
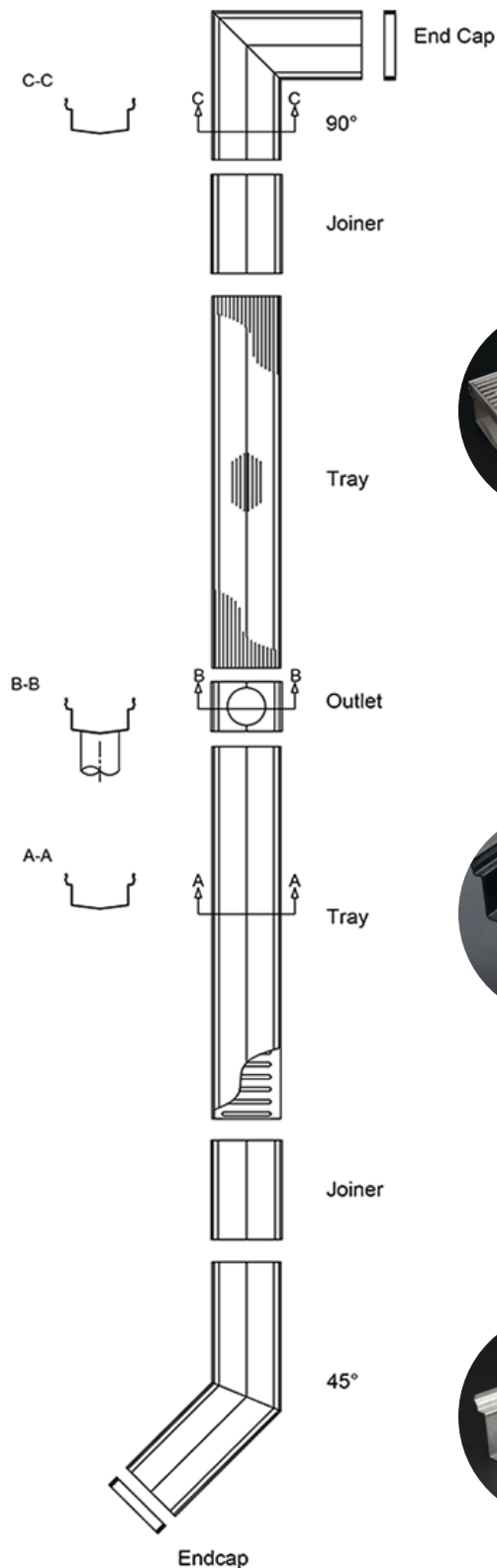
The CLICK DRAIN® Advantage:

- **CLICK DRAIN®** drain is self supporting and does not require concrete to validate its CLASS load rating integrity.
- At 1/4 the weight packaging is lighter versus heavier polymer channel sections, resulting in cheaper transport rates for the goods to get to site.
- The light weight also aids in quicker installation times and stops potential work place health and safety claims for weight (lifting) against polymer concrete drains.
- When polymer concrete is cut it produces a type of concrete dust that is bad for the installer and the environment.
- **CLICK DRAIN®** produces a seamless drain run with a full stainless steel edge profile.
- Superior water flow through less resistance over abrasive polymer drain fishes.



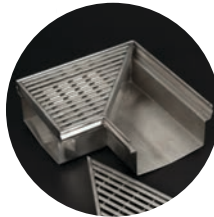
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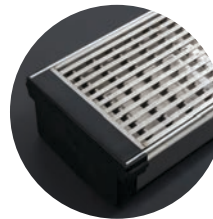
• End Cap

Drain terminating ends are simply clicked on and is Green Tag certified.



• 90 degree drain

90 deg and 45 deg sections are standard for change of direction.



• Tray with HEELGUARD

Channel lengths do not crack or shatter when dropped. Revolutionary 'click' together channel lengths and components.



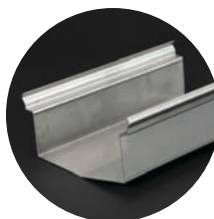
• Outlet options

Stainless steel for 100mm connection or polypropylene for 90mm connection. Able to be cut using conventional tools, std hole saws and inert cutting disc materials that are not harmful to the environment.



• Tray with pressed grate

2 metre and 1 metre channel lengths for faster and more accurate install procedures. Light weight compared to traditional polymer / concrete drain sections.



• Joiner

Available as a stock item minimizing down time and late ordering issues, it is packed in 1 metre and 2 metre sections.





Paige Stainless Pty Ltd

This is to Certify that the following Product/s have been found in conformance with the Global GreenTag^{CERT™} Scheme Standard for the Tier and Level noted herein:

Heelguard Stainless Steel Grating and Tray Drainage [LCARate EcoPOINT 0.052], GreenRate Level A

GreenStar® 'Design and As Built v1.1' and 'Interiors v1.1' Rating Tools Credits:
 Sustainable Products

GreenStar® 'Performance v1' Rating Tool Credit:
 Procurement and Purchasing: Refurbishment Materials

Licensed Sites:
 Caboolture QLD
 Licence No.:
 PAS-001-A-2015
 Licence Date:
 10th June 2015
 Valid to:
 10th June 2017
 GreenTag^{CERT™} Standard:
 Standard Version 3.2

Sustainability Assessment Category – AVERAGE SCORES	
Synergy	1
Health & Ecotoxicity	0.10
Biodiversity	0.03
LCA Score	0.89
GHG = 28.17kgCO ₂ e/m ²	0.75
Social Responsibility	0.75

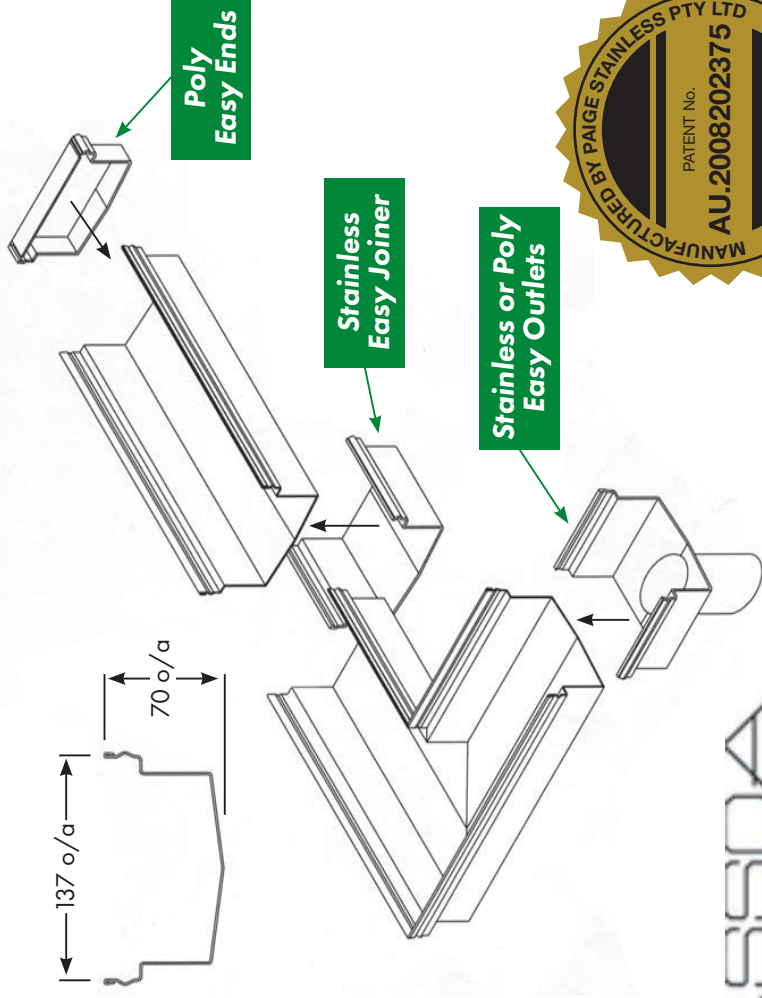
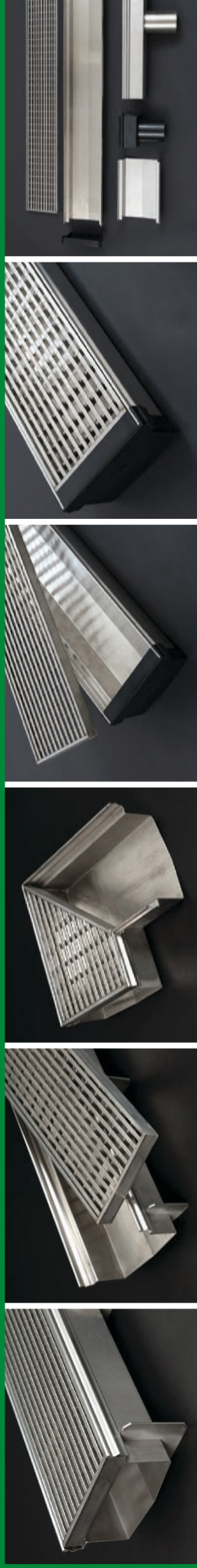
Range: -1.00 to +1.00. The smaller the number, the better!



David Baggs
 Chief Executive Officer
 Global GreenTag^{CERT™} Program Director

CLICK DRAIN®

*The revolutionary on-site assembly
stainless steel linear drainage system*



- 316 or 304 grade stainless steel
- R11/R12 Slip resist
- AS/NZS 4586:2013 Appendix D
- Load class A, B, C, D — To AS/NZS 3996:2006
- Bike safe — AS 3996 (clause 3.3.6)
- Easy site install with choice of 1m or 2m channel length, mitres, end caps and outlets
- Easy lock feature
- Heelguard

ASSDA
AUSTRALIAN STAINLESS STEEL
DEVELOPMENT ASSOCIATION

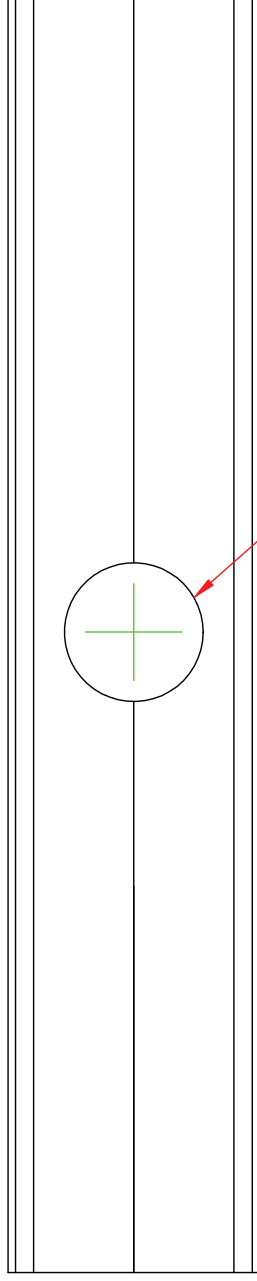


CLICK DRAIN®

Channel sections available in 1 metre and 2 metre lengths and load classes A and B, C, D

Supplied in 1000 & 2000 lengths

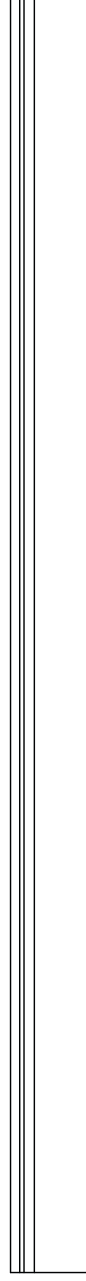
Plan View



Open ends
on both ends

Outlet hole position and size determined by
100mm or 90mm stormwater connection

**Front Elevation
(without ribs)**

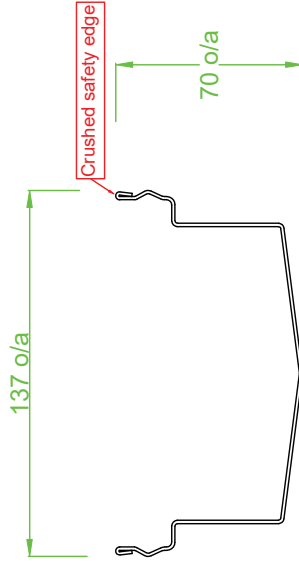


CLASS A

**Front Elevation
(with ribs)**



CLASS B,C,D



**Section View
- TROUGH**

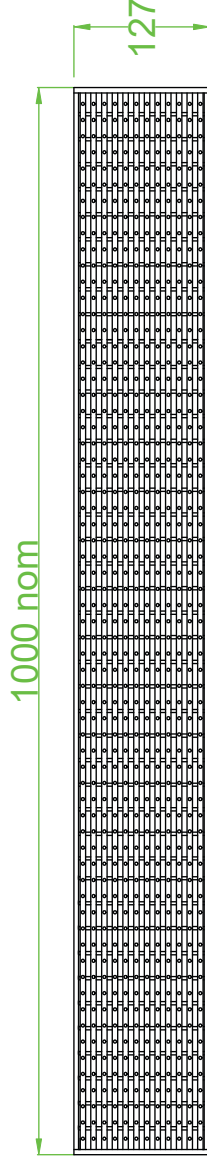


License NO. 21037

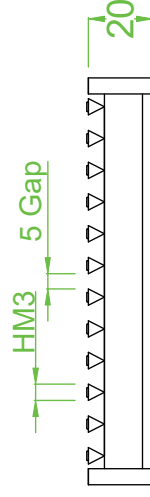
CLICK DRAIN®

*Stainless Steel Heelguard grating
option suitable for Class B, C and D*

Plan View



Section View



HM3 wedgewire screen meets requirements of AS3996:2006 depending on load requirement.
HM3 wedgewire screen meets Slip Resistance requirements of AS/NZS 4586:2013 Appendix D.



ASSDA

HEELGUARD GRATING
MANUFACTURED BY PAIGE STAINLESS
PTY LTD A MEMBER OF THE
AUSTRALIAN STAINLESS STEEL
DEVELOPMENT ASSOCIATION

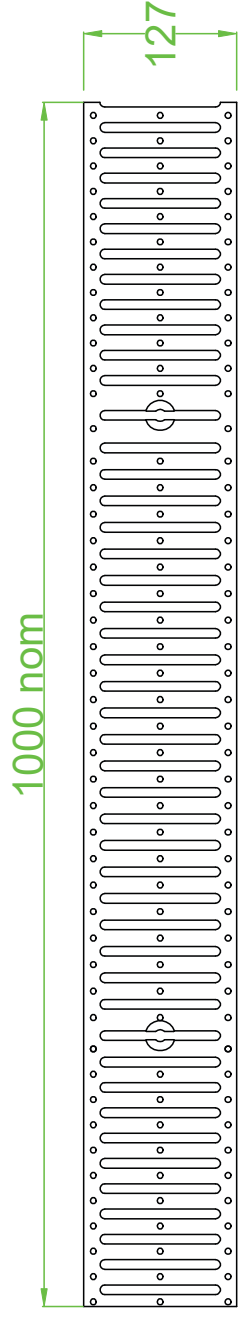


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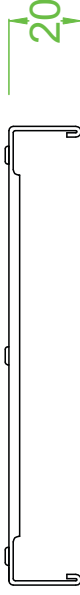
CLICK DRAIN®

***Stainless pressed grating suitable for
Class A only***

Plan View



**Section
View**



ASSDA

STAINLESS PRESSED GRATING
MANUFACTURED BY PAIGE STAINLESS
PTY LTD A MEMBER OF THE
AUSTRALIAN STAINLESS STEEL
DEVELOPMENT ASSOCIATION



WaterMark
License NO. 21037

**ATTAR**

Advanced Technology Testing and Research

ATTAR TEST REPORT NUMBER: 13/7172.3**Revision 1**

24 April 2014



The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
Accredited for compliance with ISO/IEC 17025.
Accreditation Number: 2735

Total Pages: 1**OIL-WET INCLINING PLATFORM SLIP RESISTANCE**

Job No: M13/7172

Prepared for:	Paige Stainless Pty Ltd 27 Cessna Drive CABOOLTURE QLD 4510	
Attention:	Mr Kevin Finn	
Test Site:	ATTAR, Unit 1, 64 Bridge Road, Keysborough.	
Test Date:	23 August 2013	
Manufacturer:	Paige Stainless	
Test Specimen, Size & Quantity:	HM3 stainless steel wedge wire grate 5/5, 500x500 mm, 2 off supplied.	
Sampling & Direction of Testing:	Sampling conducted by client. Test direction parallel with wires of grating.	
Test Personnel:	Marcus Braché & David Padfield	
Preparation:	Washed with pH neutral detergent, rinsed with water, then dried.	
Joint Width:	N/A	
Air Temperature:	21°C	
Test Standard:	AS 4586 - 2013 Slip resistance classification of new pedestrian surface materials – Appendix D.	
Surface Structure :	Profiled.	
Test Shoes:	Lupos Picasso	
Classification Criteria: (TABLE 5 in AS 4586 - 2013)	Classification	Angle, degrees
	No Classification	<6
	R9	≥6<10
	R10	≥10<19
	R11	≥19<27
	R12	≥27<35
	R13	≥35
Displacement Space:	Not Measured	
Displacement Space Assessment Group:	N/A	
Corrected Mean Overall Acceptance Angle (rounded down to the nearest degree):	21°	
Classification:	R11	

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.

NOTE: Any specimens supplied will be disposed of in two (2) months time, unless otherwise instructed.

ATTAR

Trevor Rowlands BEng (Mat) MIEAust Cert IV TAA

Principal Materials Engineer

Approved Signatory

Revised to change incorrect
product ID HM1 to HM3 only.

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Page 1 of 1

ATTAR - Advanced Technology Testing and Research

A division of Engineering Materials Evaluation Pty Ltd ABN 14 006 554 785

Unit 1, 64 Bridge Road, Keysborough Victoria 3173 T (03) 9574 6144 F (03) 9574 6133 E admin@attar.com.au www.attar.com.au

**ATTAR TEST REPORT NUMBER: 13/7231****Revision 1**

24 April 2014



The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
Accredited for compliance with ISO/IEC 17025.
Accreditation Number: 2735

Total Pages: 1**OIL-WET INCLINING PLATFORM SLIP RESISTANCE**

Job No: M13/7231

Prepared for:	Paige Stainless Pty Ltd 27 Cessna Drive CABOOLTURE QLD 4510	
Attention:	Mr Kevin Finn	
Test Site:	ATTAR, Unit 1, 64 Bridge Road, Keysborough.	
Test Date:	4 September 2013	
Manufacturer:	Paige Stainless	
Test Specimen, Size & Quantity:	HM3 stainless steel wedge wire grate 5/5, 500x500 mm, 2 off supplied.	
Sampling & Direction of Testing:	Sampling conducted by client. Test direction perpendicular with wires of grating.	
Test Personnel:	Marcus Braché & Daniel King	
Preparation:	Washed with pH neutral detergent, rinsed with water, then dried.	
Joint Width:	N/A	
Air Temperature:	21°C	
Test Standard:	AS 4586 - 2013 Slip resistance classification of new pedestrian surface materials – Appendix D.	
Surface Structure :	Profiled.	
Test Shoes:	Lupos Picasso	
Classification Criteria: (TABLE 5 in AS 4586 - 2013)	Classification	Angle, degrees
	No Classification	<6
	R9	≥6<10
	R10	≥10<19
	R11	≥19<27
	R12	≥27<35
	R13	≥35
Displacement Space:	Not Measured	
Displacement Space Assessment Group:	N/A	
Corrected Mean Overall Acceptance Angle (rounded down to the nearest degree):	27°	
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.

NOTE: Any specimens supplied will be disposed of in two (2) months time, unless otherwise instructed.

ATTAR

Trevor Rowlands BEng (Mat) MIEAust Cert IV TAA
Principal Materials Engineer
Approved Signatory

Revised to change incorrect
product ID HM1 to HM3 only.

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**ATTAR TEST REPORT NUMBER: 13/7172.1****Revision 1**

24 April 2014



The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.
Accredited for compliance with ISO/IEC 17025.
Accreditation Number: 2735

Total Pages: 1**WET SLIP RESISTANCE**

Job No: M13/7172

Prepared for:	Paige Stainless Pty Ltd 27 Cessna Drive CABOOLTURE QLD 4510					
Attention:	Kevin Finn					
Test Site:	ATTAR, Unit 1, 64 Bridge Road, Keysborough.					
Test Date:	19 August 2013					
Test Specimens, Size & Quantity:	HM3 stainless steel wedge wire grate 5/5, 500x500 mm, 2 off supplied.					
Sampling & Direction of Testing:	Sampling conducted by client. Test direction parallel with wires of grating.					
Test Personnel:	Douglas Lehne					
Preparation:	Washed with pH neutral detergent, rinsed with water, then dried.					
Fixed/Unfixed:	Unfixed.					
Air Temperature:	23°C					
Test Equipment:	Munro Stanley Skid Resistance Tester (Pendulum) Serial Number 0320, Calibrated 24/10/2011.					
Test Standard:	AS 4586: 2013 Slip resistance classification of new pedestrian surface materials – Appendix A.					
Slider Rubber:	Slider 96 Batch No. #49 prepared on P400 & 3µm lapping film.					
Classification Criteria:	Refer to Classification Criteria, attached as Appendix 1.					
British Pendulum Number	Specimen Number					SRV
	1	2	3	4	5	
	70	68	66	64	63	66
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.

NOTE: Any specimens supplied will be disposed of in two (2) months time, unless otherwise instructed.

ATTAR

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Principal Materials Engineer
Approved Signatory

Revised to change incorrect product ID HM1 to HM3 only.

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**ATTAR**

Advanced Technology Testing and Research

ATTAR TEST REPORT NUMBER: 13/7172.2**Revision 1**

24 April 2014



The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards. Accredited for compliance with ISO/IEC 17025. Accreditation Number: 2735

Total Pages: 1**WET - BAREFOOT INCLINING PLATFORM**

Job No: M13/7172

Prepared for:	Paige Stainless Pty Ltd 27 Cessna Drive CABOOLTURE QLD 4510
Attention:	Kevin Finn
Test Site:	ATTAR, Unit 1, 64 Bridge Road, Keysborough.
Test Date:	20 August 2013
Manufacturer:	Paige Stainless
Test Specimen, Size & Quantity Received:	HM3 stainless steel wedge wire grate 5/5, 500x500 mm, 2 off supplied.
Sampling & Direction of Testing:	Sampling conducted by client. Test direction parallel with wires of grating.
Test Personnel:	Marcus Braché & Daniel King
Preparation:	As received, washed with pH neutral detergent, rinsed with water then dried.
Fixed/Unfixed	Unfixed
Joint Width:	N/A
Air Temperature:	21°C
Water Temperature:	25°C
Test Standard:	AS 4586 - 2013 Slip resistance classification of new pedestrian surface materials – Appendix C.
Surface Structure :	Profiled.
Calibration Board:	Mean
A	11.0°
B	16.6°
C	22.5°
Test Specimen Actual Mean:	30.0°
Mean Angle of Inclination: <small>Rounded down to the nearest whole number</small>	30°
Slip Resistance Quality Group:	C

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.
NOTE: Any specimens supplied will be disposed of in two (2) months time, unless otherwise instructed.

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MECHANICAL TESTING SERVICES Pty. Ltd.

ABN 50 102 269 321

Unit 3/35 Bernoulli St Darra Qld 4076

Ph: (07) 3375 3262

Fax: (07) 3375 3269

Email: mts3@bigpond.com

REPORT ON LOAD TEST OF GRATE TO AS 3996 – 2006

Report No: T0616-0245a Reissue No. 1

Date of Test: 24 June 2016

Client:	Paige Stainless Fabrications	Section No:	1
Order No.	TBA	Test Type:	Type
Contact:	Mr. Kevin Finn	Load Class:	(Class A & Class B) Class C
Phone No:	54991511	CO:	77.0mm
Identification:	HM3	Test Block:	77mm Width x 240mm Length x 25mm thick Plywood
Description:	500mm length x 127mm Wide Fabricated wedge wire grate – 304 Stainless Steel	Equipment:	Instron 1000HDX Universal Testing Machine, Serial No: R3676 Dial Indicator (0.01mm per division), Serial No: 49784

Serviceability Load (kN)	Allowable Deflection under Serviceability Load (mm)	Measured Deflection under Serviceability Load (mm)	Allowable Permanent Set after Serviceability Load (mm)	Measured Permanent Set after Serviceability Load (mm)	Result
* 31.2	1.71	1.20	1.0	<0.10	Complies
Ultimate Limit State Design Load (kN)		Time Held (Sec)		Visible Defects	Result
* 46.7		30		None	Complies

* Load reduction factor <250 (CO), Table 4.1



The Wedge wire grate certified under this test Report by Mechanical Testing Services (T0616-0245a) complies with the requirements of AS 3996-2006, Class C to Table 3.1 and Appendix C.

Note: This report covers Class 'C' Load Class, but would also satisfy Classes 'A' & 'B' Load Class.

Testing Officer: V.Paessler

Authorized Signatory: Adrian Pocock

V. Paessler

Adrian Pocock

Date Reissued: 29 June 2016



Accredited for compliance with ISO/IEC 17025

Accreditation Number: 14931

Note: This report was reissued to include additional information.