

18 November 2009

The General Manager
Pittwater Council
PO Box 882
MONA VALE NSW 1660

Dear Sir/Madam

**REFERENCE 194 GARDEN STREET, WARRIEWOOD NSW 2102
SEASIDE RESIDENTIAL AGED CARE NURSING HOME
DEVELOPMENT CONSENT No 366/08
FINAL OCCUPATION CERTIFICATE No OC09-137**

Please find undercover a copy of the Final Occupation Certificate No OC09-137 for the completed alterations and additions to the existing nursing home including the extension of rooms numbered 2 and 10 to the north of the building to facilitate new en-suites and the minor refurbishment of an existing accessible communal sanitary facility within the northern corridor

We have also enclosed a copy of the documentation relied upon as indicated on the Occupation Certificate for Councils record

Pursuant to Clause 263(2) Environmental Planning and Assessment Regulation 2000 please find enclosed a cheque to the sum of \$30 00 for the submission of this Part 4A Certificate and request that a receipt for which is forwarded to our office



Please contact the undersigned should you have any further enquiries on 02 9211 7777

Yours sincerely,

Steven Rodriguez
Building Regulations Consultant
Blackett Maguire + Goldsmith Pty Ltd

RECEIVED
20 - 2009
PITTWATER COUNCIL

Req 270582
20/11/09
\$30



OCCUPATION CERTIFICATE

Pursuant to Part 4A of the Environmental Planning & Assessment Act 1979

CERTIFICATE NO OC09 221

TYPE Interim Final

DETERMINATION Approved

DATE OF DETERMINATION 18 November 2009

SUBJECT LAND
Address Seaside Residential Aged Care Nursing Home
194 Garden Street
WARRIEWOOD NSW 2102

APPLICANT
Name Principal Health Care / Finance No 3 Pty Limited
Address Level 13 50 Bridge Street
SYDNEY NSW 2000
Phone/Fax Ph (02) 9257 1933 Fax (02) 9257 1499

OWNER
Name Principal Health Care / Finance No 3 Pty Limited
Address Level 13 50 Bridge Street
SYDNEY NSW 2000
Phone/Fax Ph (02) 9257 1933 Fax (02) 9257 1499

DESCRIPTION OF DEVELOPMENT Alterations and additions to the existing nursing home including the extension of rooms numbered 2 and 10 to the north of the building to facilitate new en-suites and the minor refurbishment of an existing accessible communal sanitary facility within the northern corridor
Note This certificate excludes any external ancillary services structures or civil works required by relevant authorities

WHOLE/PART
Description of part (where applicable) Whole

DEVELOPMENT CONSENT/CDC
DA/CDC No N0366/08
Date of Determination 8 December 2008

CONSTRUCTION CERTIFICATE
Construction Certificate No CC09 061
Date of Determination 16 March 2009

STATUTORY CERTIFICATION

I certify that

- the health and safety of the occupants of the building have been taken into consideration where an interim occupation certificate is being issued and
- a current development consent or complying development certificate is in force for the building and
- if any building work has been carried out a current construction certificate (or complying development certificate) has been issued with respect to the plans and specifications for the building and
- the building is suitable for occupation or use in accordance with its classification under the Building Code of Australia and
- a fire safety certificate has been issued for the building and
- a report from the Fire Commissioner has been considered (if required)

DOCUMENTATION RELIED UPON As listed in Schedule 1

PRINCIPAL CERTIFYING AUTHORITY

Name David Blackett
Accreditation No BPB0032

SIGNATURE

Date 18/11/09



SCHEDULE 1

DOCUMENTATION RELIED UPON

Document	Prepared by	Date
Final Fire Safety Certificate	Total Constructions Pty Ltd	11 November 2009
Electrical Certificate of compliance	Remo Automation Pty Limited	9 September 2009
Email correspondence regarding attached Warriewood fire evacuation plan and fire screens	Total Construction	9 September 2009
Smoke Detection Compliance Certificate	Alform Pty Ltd	2 September 2009
Structural Engineers Certificate	Optima Consulting Engineers	3 July 2009
Certification regarding aluminium window and doors	Precision Glass and Aluminium Pty Ltd	17 June 2009
Water Proofing certification	Maintenance Application NSW	11 May 2009
10 Year Product Warranty	Durotech Industries	5 May 2009
Flooring Warranty/Certification	Forbo Floorcoverings Pty Ltd	June 2009
Reaction to fire tests for floorings	SP Proving Forkning	17 October 2005
Mechanical Exhaust Certification	Remo Automation Pty Ltd	1 May 2009
Certification no. 351981 regarding electrical work	Remo Automation Pty Ltd	1 June 2009
Certification regarding Plumbing & Drainage	White Water Plumbing & Drainage Pty Ltd	18 June 2009
Certification regarding sprinkler system	Total Construction Pty Ltd	7 July 2009
Fire Safety Certificate	Fireteq Essential Services	18 June 2009
Correspondence regarding EWIS System	Total Construction Pty Ltd	7 July 2009
Test Report No.SY1211	CSIRO	26 September 2009
Flooring Test Report No.SY1270-4	CSIRO	23 April 2009
Flooring Test Report No. SY1016-1	CSIRO	5 August 2005
Termite Certification	Korden Termite Barrier	22 June 2009
Correspondence regarding compliance matters	Total Construction Pty Ltd	25 June 2009

SCHEDULE 2

FIRE SAFETY SCHEDULE

Issued under Clause 168 of the Environmental Planning and Assessment Regulation 2000

OWNER	Principal Health Care/Finance No 3 Pty Limited
SUBJECT PROPERTY	194 Garden Street Warriewood NSW 2102 (Seaside Residential Aged Care Nursing Home)
DEVELOPMENT APPLICATION NO	N0366/08
CONSTRUCTION CERTIFICATE NO	8 December 2008
COMPLYING DEVELOPMENT CERTIFICATE NO	CC09 061
OCCUPATION CERTIFICATE NO	OC09 137

The following essential fire safety measures shall be implemented in the whole of the building premises and each of the fire safety measures must satisfy the standard of performance listed in the schedule which for the purposes of Clause 168 of the Environmental Planning and Assessment Regulation 2000 is deemed to be the current fire safety schedule for the building

Schedule

Statutory Fire Safety Measure	Design/Installation Standard	Existing Measure	New/Altered
Fire Doors	AS 1905 1 – 2005	✓	
Exit Signs	AS 2293 1 & AS 2293 2	✓	
Emergency Lighting	AS 2293 1 & AS 2293 2	✓	
EWIS	AS2220 1 AS2220 2 AS1670 4 & AS4428 4	✓	
Automatic Fire Suppression Systems	AS2118 (Existing) BCA Spec E1 5 & AS 2118 1 1999 or AS2118 4 6 - 1995 (new works – Rooms 2 and 10)	✓	✓
Fire Alarm System	AS1670 (Existing) BCA Spec E2 2a & AS 1670 1 – 2004 (new works – Rooms 2 and 10)	✓	✓
Fire Hose Reels	AS 2441	✓	
Fire Extinguishers	AS 2444	✓	
Fire Blankets	AS 2444	✓	
Fire Hydrant Systems	AS 2419 1	✓	

Received

Fire Safety Certificate

Issued under the Environmental Planning and Assessment Regulation 2000,
Clauses 170 to 174

16 NOV 2009

BLACKETT MAGUIRE & ASSOCIATES

Type of Certificate

Interim

Final

Owner / Agent

I Clive Jacobsen

Address

of Total Construction P/L, Level 2 3 George St, Nth Strathfield 2137

Certify that

each of the essential fire safety measures specified in the current fire safety schedule for the building to which the certificate relates

- a) has been assessed by a properly qualified person and
- b) was found when it was assessed to be capable of performing to at least the standard required by the current fire safety schedule for the building for which the certificate is issued

Identification of Building

Street	Garden Street, Warriewood
House/Unit No or Building Name	184
Side of Street	West
Nearest Cross Street	Jackson Rd

Particulars of Building

Scope Whole Part

Description of Part (where applicable)

House/Unit No or Building Name	Seaside Aged Care Facility
Date of Assessment	11/11/2009

Owner's Details

Name	Domain Principal
Address	Level 7, Marne Pde, Southport, QLD 4215

An **interim fire safety certificate** is issued for part of the building and may deal only with those essential fire safety measures appearing on the most recent fire safety schedule (see note 3) relevant to the part of the building for which interim occupation certificate will be sought

A **final fire safety certificate** must deal with all essential fire safety measures appearing on the most recent fire safety schedule (see note 3), subject to the following

An **interim fire safety certificate** or a **final fire safety certificate** need not deal with those essential fire safety measures which have been the subject of some other final fire safety certificate or annual fire safety statement within the previous 6 months, unless the person or authority responsible for determining the relevant development consent complying development certificate, construction certificate or fire safety order has specified otherwise in the schedule
See also note 3

Note 2

The person who carries out the assessment

- must inspect and verify the performance of each fire safety measure being assessed, and
- in the case of a (interim or final) fire safety certificate for a new building (not an alteration to, or enlargement or extension of an existing building) must test the operation of each item of fire safety equipment installed in the building

Note 3

The relevant essential fire safety measures are those specified in the most recent fire safety schedule, attached to one of the following

- development consent for a change of building use, or
- complying development certificate for the erection of a building or a change of building use, or
- construction certificate for proposed building work, including building work associated with a change of building use, or
- a fire safety order

The fire safety schedule will also identify standard of performance for each essential fire safety measure

Matt Sutton

Phone 1300 799 775

Fax 1300 733 002

Mobile 0425 384 112

mattsutton@remoautomation.com

Electrical Contractors Licence 183600C

Master Licence 409458906



9th September 2009

Total Construction

Level 2/3 George Street

North Strathfield NSW 2137

Ph 9746 9555

Fax 9746 9588

Certificate of Compliance

**Project Seaside Nursing Home
194 Garden Street
Warriewood**

Trade Electrical

Att. Alan McCormack

I hereby certify that the works on the above project have been installed and constructed in accordance with the supplied architectural drawings, electrical drawings, specification manufacturers requirements the relevant Australian Standards and in particular the installation is in accordance with the following

- ❖ BCA section J part 6
- ❖ AS3000-2007
- ❖ BCA section J part 5
- ❖ AS1668 2

I am a properly qualified and competent person in this area and as such can certify that the installation is in accordance with the above documentation

Name of Certifier Matt Sutton

Company Remo Automation Pty Ltd

Address 28/7 Salisbury Road Castle Hill 2154 NSW

Phone 1300 799 775 Fax 1300 733 002

Should you have any further questions please feel free to contact me on the numbers provided

Best Regards

A handwritten signature in black ink, appearing to be "Matt Sutton", written over the "Best Regards" text.

Matt Sutton

Remo Automation Pty Limited
28/ 7 Salisbury Road Castle Hill NSW 2154 Ph 1300 799 775 Fax 1300 733 002
ABN 27 082 997 822
www.remoautomation.com

Steven Rodriguez

From Alan McCormack [Alanm@totalconstruction.com.au]
Sent Wednesday, 9 September 2009 10:13 AM
To Steven Rodriguez
Cc Clive Jacobsen
Subject Warriewood Nursing Home - Occupation Certificate Items
Attachments Seaside-FireEvacuationPlan.pdf

Steven

Please find attached Warriewood Fire Evacuation Plan as required to satisfy condition 2 of the Rural Fire Service conditions

We have engaged a contractor to supply the screens to the windows and we anticipate that this work will be carried out next week

The only other outstanding item is the certification relating to Section J and this has been requested from the relevant contractor

Regards

Alan

Alan McCormack
Contract Administrator
Total Construction Pty Ltd
PO Box 212
Nth Strathfield NSW 2137
T 02 9746 9555
F 02 9746 9588

**TOTAL
CONSTRUCTION**

Concept to Completion

<http://www.totalconstruction.com.au>

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From Aaron Vega [mailto:aaron@mchp.com.au]
Sent Wednesday, 2 September 2009 4:46 PM
To Alan McCormack
Cc Clive Jacobsen, 'David Cahill'
Subject Warriewood Nursing Home - Occupation Certificate Items

10/11/09

Dear Alan,

Following our telephone conversation this afternoon please find enclosed the following documents:

- Correspondence from the Rural Fire Service to Pittwater Council and AS3959-1999 – we have reviewed the Level 1 construction requirements (as stated in letter) and we believe that the construction additional ensuites fulfil these requirements, other than the requirements for window screening. Corrosion resistant aluminium screens need to be installed in the windows of each of the new ensuites.
- Warriewood Fire Evacuation Plan – as required in Rural Fire Service (item 2 of their letter)

We suggest for you to ask the PCA if they know any qualified person that could provide the certification in relation to requirements set by the Rural Fire Service.

- Section J5 (Mechanical) and Section J6 (Electrical) of the BCA – we suggest that you send these documents to the electrical/mechanical contractor and request for them to review their mechanical and electrical installations against this documents (together with AS1668.2 and AS3000-2007) and provide required certification.

Should you have any questions, please contact us.

Kind Regards,

Aaron Vega

B.Arch (USYD); N.S.W. Registration No.: 8004



Level One, 28 Chandos Street, St Leonards NSW 2065
T: 02 9436 2222 F: 02 9439 1340
aaron@mchp.com.au www.mchp.com.au

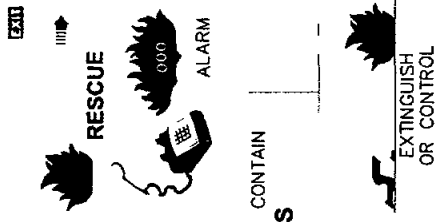
This email has been scanned by the MessageLabs Email Security System.
For more information please visit <http://www.messagelabs.com/email>

ANYONE DISCOVERING A FIRE SHOULD

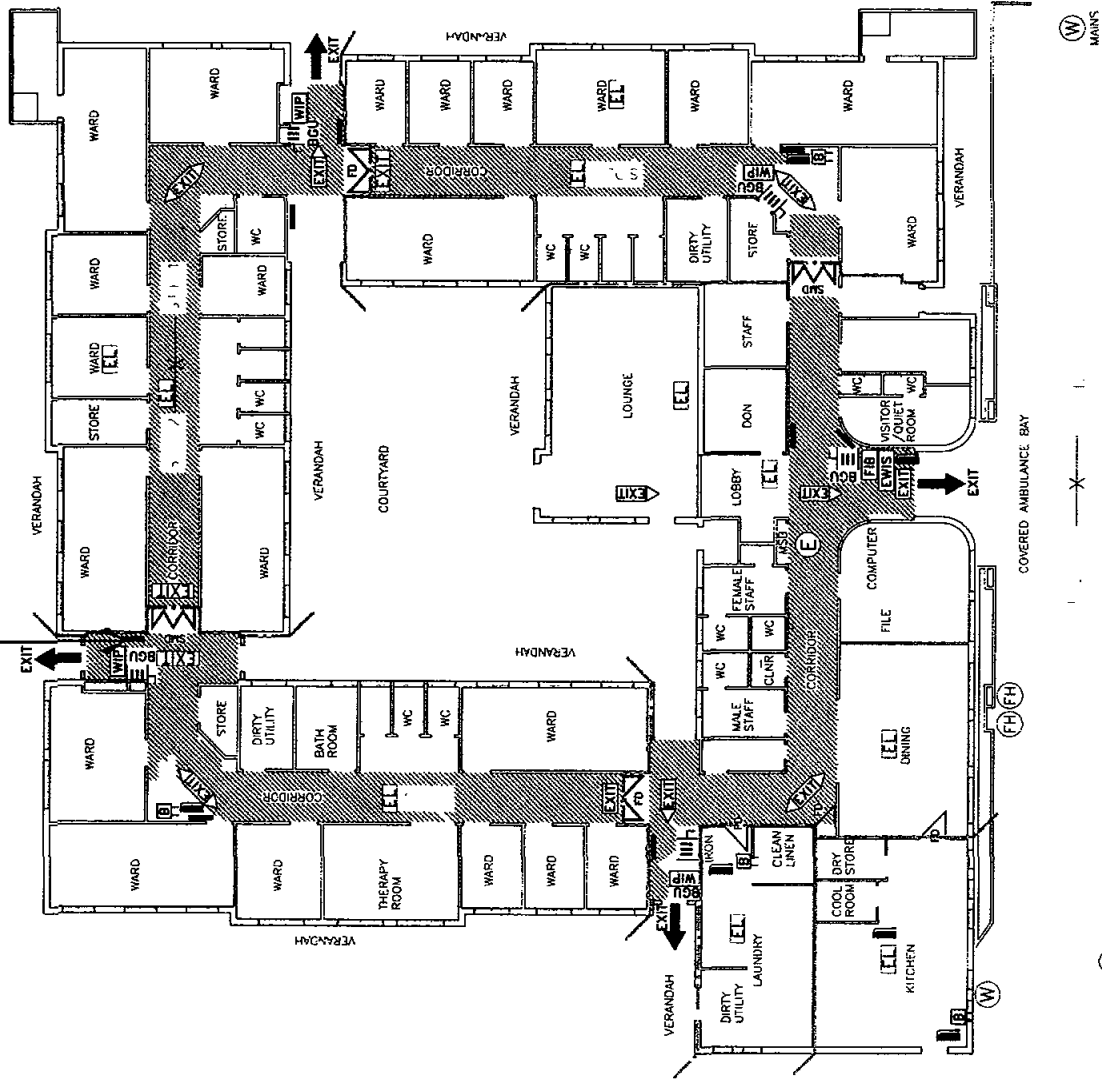
ASSEMBLY AREA

YOU ARE HERE

- R** "RESCUE" ANY PERSON/S IN IMMEDIATE DANGER
- A** RAISE THE "ALARM" AND CALL THE FIRE BRIGADES ON '000'
- C** "CONTAIN" THE FIRE BY CLOSING DOORS
- E** "EXTINGUISH" THE FIRE IF YOU ARE TRAINED TO USE AN EXTINGUISHER AND IT IS SAFE TO DO IT

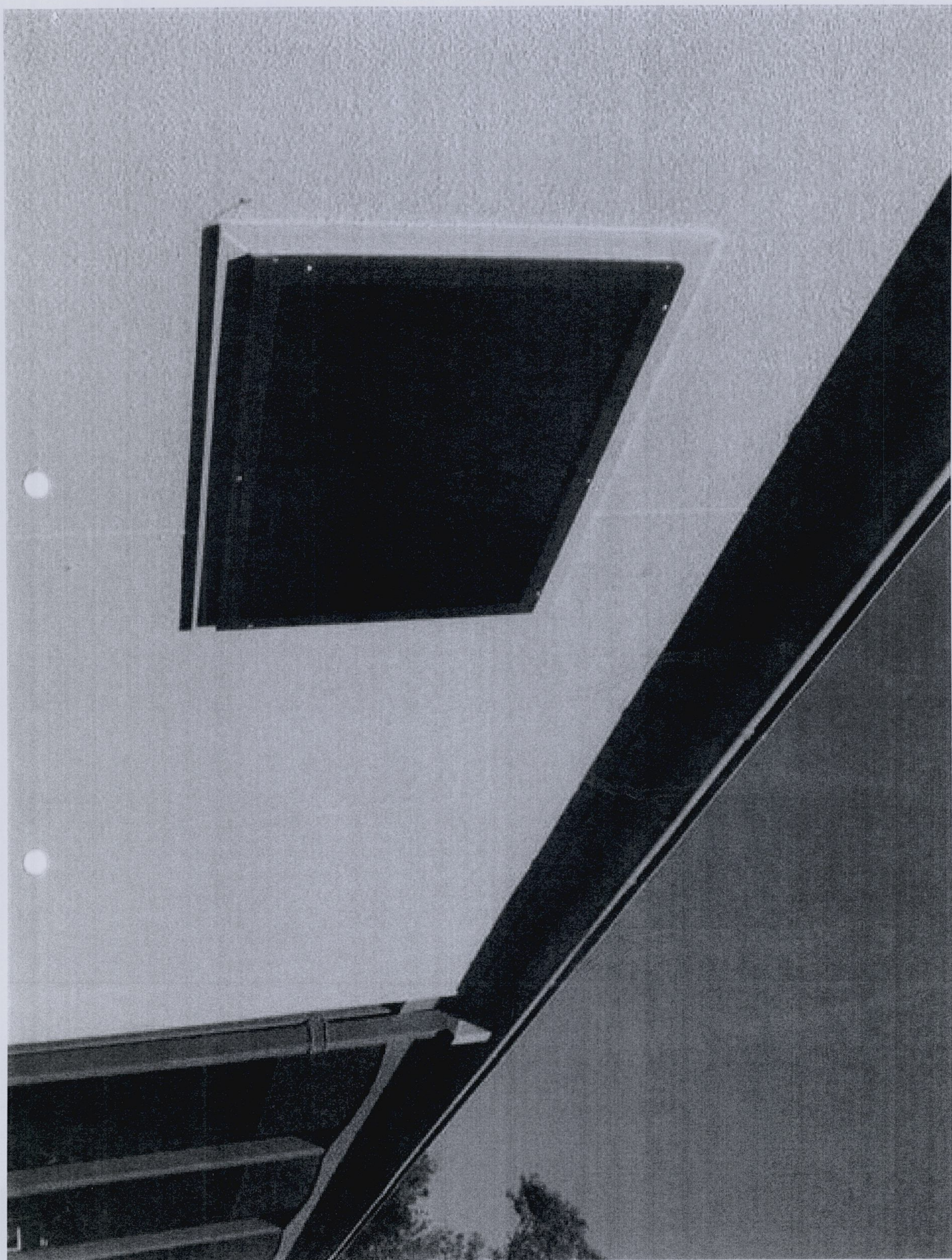


EXIT	EGRESS ROUTE
SMOKE DOOR	SMOKE DOOR
FIRE DOOR	FIRE DOOR
FIRE BLANKET	FIRE BLANKET
FIRE HOSE REEL	FIRE HOSE REEL
FIRE EXTINGUISHER	FIRE EXTINGUISHER
FIRE INDICATOR BOARD	FIRE INDICATOR BOARD
EXIT SIGN	EXIT SIGN
EMERGENCY WARNING INTERCOM SYSTEM	EMERGENCY WARNING INTERCOM SYSTEM
WARDEN INTERCOM POINT	WARDEN INTERCOM POINT
BREAK GLASS UNIT	BREAK GLASS UNIT
MAIN SWITCHBOARD	MAIN SWITCHBOARD
EMERGENCY LIGHTING	EMERGENCY LIGHTING
ELECTRICITY ISOLATION	ELECTRICITY ISOLATION
WATER ISOLATION	WATER ISOLATION
GAS ISOLATION	GAS ISOLATION
FIRE HYDRANT	FIRE HYDRANT
FIRE WALL	FIRE WALL
SMOKE WALL	SMOKE WALL



GROUND FLOOR PLAN

Seaside Residential Aged Care Facility



Final / Interim Fire Safety Certificate

Under the Environmental Planning and Assessment Regulation 2000

Type of Statement Interim Final

Name Owner/Agent I Paul Sheedy

Address of Alform Pty Ltd G10 1-15 Barr Street Balmain NSW 2041

I certify that

- a) That each essential/critical fire safety measure specified in this statement has been assessed by a properly qualified person and was found when it was assessed, to be capable of performing
 - i) In the case of an essential/critical fire safety measure applicable by virtue of a fire safety schedule to a standard no less than that specified in the schedule or
 - ii) In the case of an essential/critical fire safety measure applicable otherwise than by virtue of a fire safety schedule, to a standard no less than that which the measure was originally designed and implemented, and
- b) That a properly qualified person (whether the person referred to in paragraph (a) or another person) has inspected the building and has certified that as at the date of the inspection the condition of the building did not disclose any grounds for a prosecution under Division SC of Part 9 of the Environmental Planning and Assessment Regulation 2000, and
- c) The information contained in this certificate is, to the best of my knowledge and belief, true and accurate

Identification of Building Street 184 Garden Street Warrewood NSW
Nearest cross street Watergum dr
No or name Seaside Nursing Home
Part Rooms 2 & 10 bathrooms, Disabled toilet opposite room 9

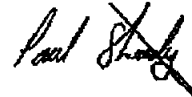
Owners Details – Name Domain-Principle Health Care
Address Care of AMP 50 Bridge street Sydney

Essential Fire Safety Measures

Measure	Standard of performance
Automatic Fire Detection and Alarm Systems	BCA Spec E2 2a & AS 1670 1 (2004)

Date 2nd September 2009

Signature owner/agent





Consulting Structural & Civil Engineers • Project Management

ABN: 35 114 405 926

Level 1, Suite 13/110 Crown Street, Wollongong NSW 2500

PO Box 21, Wollongong NSW 2520

Ph: 02 4228 4853

Fax: 02 4228 4857

Mobile: 0401 067 250

Email: ivo@ocengineers.com.au

Web: www.ocengineers.com.au

3 July 2009

Our Ref.: OCE11049-STC-003

Mr Alan McCormack
Total Construction Pty Ltd
PO Box 212
NORTH STRATHFIELD NSW 2137

Dear Alan,

**STRUCTURAL ENGINEERS CERTIFICATE
PROPOSED ENSUITE TO ROOMS 2 & 10 – SEWER SUPPORT
194 GARDEN STREET, WARRIEWOOD**


This is to confirm that the construction of the concrete pier and beam support for the sewer in the area of uncontrolled fill was inspected during construction.

450 dia piers at 3m ctrs are supporting reinforced concrete beam 450mm wide and 300mm deep.

All work was completed in accordance with our instructions and in this regard the work is structurally adequate.

Please contact me if you require any additional information.

Yours sincerely,
OPTIMA CONSULTING ENGINEERS PTY LIMITED


IVO OLBRECHT B.E. (Civil) M.I.E.AUST. CPEng (NPER)

Received
-7 JUL 2009
Blackett Maguire + Goldsmith

Precision Glass and

Aluminium PTY.LTD.

ABN 31123622024 112 Cosgrove Road, Strathfield South N.S.W. 2136

Certificate of Compliance.

is hereby granted to:

Total Construction Pty Ltd

This is to certify that the glass fitted to all aluminium windows and doors at the address mentioned below
Complies with the safety standards of A.S.1288 - 2006 , A.S.2047 - 1999, AS1170.2 - 1989 and AS4674 - 2004

ADDRESS: Seaside Nursing Home, 184 Garden Street, Warriewood

Granted: 17/June/2009

DANI ALZENED
MANAGER

Received

7 JUL 2009

Blackett Maguire + Goldsmith

AWA

AWA
ALUMINIUM
WINDOWS
EXOS 11724

MAINTENANCE APPLICATIONS NSW

ABN 38 003 299 483

A DIVISION OF TRESBYN PTY LTD

ACN 003 299 483

Darryle Dransfield

UNIT 15, 43 STERLING RD, MINCHINBURY NSW 2770
TELEPHONE (02) 9675 5044 • FACSIMILE (02) 9675 5088

Jenny O'Neill

WORKMANSHIP AND APPLICATION WARRANTY

WARRANTY NO. 1828

Received
-7 JUL 2009
Blackett Maguire + Goldsmith

To: TOTAL CONSTRUCTION PTY LTD
PO BOX 212
NORTH STRATHFIELD NSW 2137

We: Maintenance Applications (NSW) hereinafter named as the applicator.

Of: Unit 15, 43 Sterling Road, Minchinbury NSW 2770. Having completed our contract

At: 194 GARDEN STREET, WARRIEWOOD

For: PRINCIPAL HEALTHCARE

Using: Durotech's, DUROMIX ACS-2 waterproofing membrane system applied to the

- 2 x WET AREAS..... Approx. 28 m² Completed.

This membrane was applied according to the manufacturer's specifications, and in accordance with the Australian Standards AS3740/04.

Hereby undertake that we will rectify at our own cost, any deficiency in performance of the process resulting from defective workmanship which occurs within the period of TEN (10) years from the 5th May 2009.

The processes have been applied as fully representative of the manufacturer's current specifications for each process to permit performance as claimed for that process, and this warranty is to be read in conjunction with the product warranty in particular Schedule A of that warranty.

Our liability under this warranty is subject to the following terms and conditions:-

1. This warranty shall be void and of no effect if the terms of payment and all other conditions contained or implied in the contract are not complied with.
2. This warranty shall be void and of no effect, and the Applicator shall have no liability in respect thereof if, the Applicator is not given notice in writing of any alleged failure or fault or deterioration relating to the processes within seven days of the discovery of such alleged failure, fault or deterioration. (Time being of the essence.)

Builders Licence No. 88652C

• WATERPROOFING • WATERPROOFING • WATERPROOFING •

3. In the event of liability being established pursuant to this warranty the Applicator shall repair and reinstate the processes subject to Clause 4 below required to make good the areas requiring repair PROVIDED that the Applicator shall be entitled to demand and be reimbursed the client for all expenses incurred in investigating any alleged failure, fault or deterioration, if, on investigation and in accordance with the foregoing terms and conditions, this warranty for the Applicator to rectify such alleged failure, fault or deterioration.
4. Should liability be established and occur in less than the warranted period repairs will be effected and replacement material supplied at a discount which bears the same ratio to the then current price as that part of the warranty period not achieved bears to the full warranty period.
5. The Applicator does not warrant that any repair work carried out pursuant to the terms of this warranty when completed shall exactly match the existing applied processes in respect of colour or texture.
6. All other warranties, guarantees or conditions of whatsoever nature, relating to the application of the processes and whether expressed or implied or give or to be expressed, implied or given by any agent or employee of the Applicator, or implied or prescribed, or to be implied or to be prescribed by law are hereby excluded. However, in respect to Australia only, this warranty does not exclude the following:-
 - i) Any condition or warranty implied by the Trade Practices Act, 1974 (as amended) of Australia.
 - ii) Any condition or warranty implied or prescribed by the various laws of the States and Territories of Australia which conditions or warranties are implied or prescribed notwithstanding any term negating or excluding such conditions or warranties.
7. There shall be no liability for the Applicator in respect of this warranty for any damage to the applied processes caused by act of God, exceptional weather conditions fire, war, riots, civil commotion, vandalism, nuclear explosion and /or fallout, damage caused by objects dropping or falling from aeroplanes or other airborne devices, bursting or other forms of destruction or faults including but not restricted to fusion and short circuits, negligence or wilful damage by the main contractor, owner and/or occupier of the building and/or visitors to the building on which the processes are placed, any criminal act or illegal act or any consequential damage.
8. There shall be no liability for the Applicator for any failure or deterioration of the applied processes resulting from physical damage by point loads, defects in the structure or mechanical causes, spillage of any substance onto the surface however caused during construction work or thereafter which were not allowed for in the original design and specification contract documents or arising from any natural disturbance of the structure.
9. This warranty is null and void if any work carried out on the applied processes without prior written consent of the Applicator or if a change in use of the building from that for which it was designed at the time of completion of the Applicator's contract and affects the performance of the application.
10. The benefit of this warranty is not assignable without prior written consent of the Applicator.

Signed.....
 Director
 Dated..... 11.5.09



DUROTECH INDUSTRIES

14 Essex Street Minto, NSW-2566
 P.O Box 5092 Minto, NSW-2566
 ABN: 33 738 594 170
 Phone: (+61)+2+ 9603 1177
 Facsimile: (+61)+2+ 9603 3796
 Email: sales@durotechindustries.com.au
 Web: www.durotechindustries.com.au

10 YEAR PRODUCT WARRANTY

Reference No. 1828

Project/Bullder Contact: TOTAL CONSTRUCTION PTY LTD

Job Site: 194 GARDEN STREET, WARRIEWOOD

Contractor: MAINTENANCE APPLICATIONS (NSW)

Area: 28m² 2 X WET AREAS **Products:** DUROMIX ACS-2

Installation Date: 5TH MAY 2009

Received
 7 JUL 2009
 Blackett Maguire + Goldsmith

WARRANTY

Durotech waterproofing membranes are warranted for a period of 10 years from date of installation subject to the following conditions:

The product must be installed to the manufacturer's written specifications and the use must conform to the product's intended purpose.

The waterproofing installation must satisfy the requirements of Australian Standard 3740-2004 "Waterproofing of Wet Areas" and also the requirements of Clause F8 1.7 Waterproofing of Wet Areas in Buildings (Vol. 1 Class 2 – Class 9) and P2.4.1 (Vol.2 Class 1 and Class 10 Buildings Housing Provision) of the Building Code of Australia 1996 (incl. Amendments 1, 2 and 3).

This warranty is invalidated by any damage to the membrane caused by any building defect or the damage or negligence of any other parties following installation.

Durotech Terms and Conditions of Contract apply – see over.

Waterproofing Acrylics, Membranes, Roof Coatings & Accessories

TERMS OF WARRANTY

The supplier warrants that the waterproofing product will from the time of application and for a period of 10 (ten) years thereafter, be free from defects in material and manufacture.

Any claim on this warranty is to be advised in writing within 10 days of such discovery.

During the warranty period if the waterproofing product is shown to the satisfaction of the supplier's representative, to be not as warranted herein, such modifications, repairs or replacements as in the judgement of the supplier, are required to effect satisfactory repair will be made.

This warranty is effective only on condition that it was installed in conformance with the company's printed application instructions in effect at the time.

This warranty is not effective if in the judgement of the supplier, the product is impaired by alterations, chemical exposure, damage, misuse, unauthorised repairs, structural or design defects, natural disasters, negligence or failure to undertake routine or necessary maintenance.

This warranty is expressly in lieu of all other conditions or warranties of any kind, expressed or implied, including without limitation, all implied warranties or conditions, as to merchantability of fitness for purpose. All such other conditions or warranties whether expressed or implied are hereby excluded.

This warranty is limited to the original invoice value of the goods supplied and is reduced on a pro-rata basis for each year of service provided by the product, generally by the provision of replacement material in sealed containers.

The remedies of the claimant for any breach of warranty shall be limited to those herein, to the exclusion of any and all other remedies, including without limitation incidental or consequential damages to the extent allowed by the laws of New South Wales.

No agreement varying or extending the foregoing warranty remedies will be binding unless in writing, signed by a duly authorised officer of the supplier.

This warranty only becomes effective when all financial transactions have been finalised.

Waterproofing Acrylics, Membranes, Roof Coatings & Accessories

Received
- 8 JUL 2009
Blackburn Maguire + Goldsmith

WARRANTY



AQUALON COLLECTION

Received
7 JUL 2009
Blackett Maguire + Goldsmith

Forbo Floorcoverings Pty Ltd warrants Aqualon products to be free from material and manufacturing defects for a period of 5 years from the date of installation.

Forbo Floorcoverings Pty Ltd further warrants that the product will not require replacement due to normal wear within the specified 5 year period.

During the 5 year warranty period, should it be determined by Forbo Floorcoverings Pty Ltd that a problem is due to a manufacturing defect, the product will be replaced free of charge. The warranty does not cover the removal of the original product or the installation of the replacement.

CONDITIONS

The warranty is on the condition that the sub-floor area is prepared and the product is installed in accordance with Floorcoverings Standard AS1884-1985 "Resilient Sheet and Tiles - Laying and Maintenance Practices" and is maintained in accordance with the supplied Forbo Maintenance Program.

Forbo Floorcoverings Pty Ltd will not be held responsible for product failure arising from circumstances beyond its control such as structural movement, excessive moisture, vapour or alkali in a concrete subfloor, abuse, accidents, the effects of chemicals or aggressive solvents, the incorrect use of cleaning agents or incorrect maintenance procedures.

AMP Nursing Home Project

PROJECT NAME:

Aqualon relief

PRODUCT

Trump Floorcoverings

INSTALLED BY:

June 2009

INSTALLATION DATE:

John Liston – NSW Commercial Sales Manager

AUTHORISED:



FORBO FLOORCOVERINGS PTY LTD

23 Ormsby Place Wetherill Park NSW 2164

Phone: (02) 9828 0200 Fax: (02) 9725 3405

Email: info.au@forbo.com

Internet: <http://www.forbo-flooring.com.au>

PRODUCT MAINTENANCE AQUALON RELIEF

Received
- 8 JUL 2009
Blackett Maguire + Gold...

Initial cleaning following installation

- Remove all traces of excess adhesive using mineral turps or white spirits.
- Remove all loose dust and soil by vacuuming.
- Wet scrub the floor using a scrubbing machine equipped with a nylon brush, using a neutral detergent (pH 6-8) according to the manufacturer's recommendations. For shower recesses, or areas not accessible for cleaning machine, use a manual scrub method.
- Pick up soiled solution with a wet vacuum or squeegee to floor drain
- Rinse with clean water and allow to dry.
- Use cold water when wet scrubbing.

Daily Maintenance

- Wet mop floor using a neutral detergent (pH 6-8) according to the manufacturer's recommendations.

Periodic

- Wet scrub the floor using a scrubbing machine equipped with a nylon brush, using a neutral detergent (pH 6-8) according to the manufacturer's recommendations. For shower recesses, or areas not accessible for cleaning machine, use a manual scrub method.
- Pick up soiled solution with a wet vacuum or squeegee to floor drain
- Rinse with clean water and allow to dry.

Note: Do not seal this floor as it will remove safety properties



FORBO FLOORCOVERINGS PTY LTD

23 Ormsby Place, Wetherill Park, NSW, 2164
Phone: (02) 9828 0200 Fax: (02) 9725 3405
Email: info.au@fobo.com
Web: www.forbo-flooring.com.au



REPORT

issued by an Accredited Laboratory

Date
2005-10-17

Reference
P502694C

Page
1 (2)



Handled by, department
Marina C Andersson
Fire Technology+46 33 16 52 92,
marina.andersson@sp.se

Forbo Project Vinyl AB
Box 172
401 22 GÖTEBORG

Received
7 JUL 2009
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Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source - EN ISO 9239-1 and ignitability according to EN ISO 11925-2 (5 appendices)

Products

According to the client:

Polyvinyl chloride resilient floor covering for commercial use consisting of a backing of PVC with fillers, glass fibre reinforcement, wear layer of pigmented plasticized PVC. Carborundum is added to the wear layer for better slip resistance. The products have a nominal thickness of 2.0 mm. Products tested are listed below including product name, wear layer thickness and area weight of each product.

Product name	Dessin / Production batch	Production date	Nominal thickness of wear layer (mm)	Nominal area weight (kg/m ²)
Safestep	8214 / 5668-246	2005-06-29	0.7	2.8
Safestep R12	8594 / 5645-336	2005-06-21	0.7	2.8
Safestep Grip	8314 / 5650-011	2005-06-22	0.7	2.8
Onestep	8491 / 5634-354	2005-06-17	0.45	2.9
Aqualon Relief*	24392 / 7315-012	2005-04-20	0.7	2.8

*Floor coverings for wet room areas without glass fibre reinforcement.

Manufacturer

Forbo Project Vinyl AB, Göteborg, Sweden.

Purpose of test

Basis for technical fire classification.

Sampling

The samples were selected at the factory in Göteborg by an official from SP.

The samples were received July 7, 2005 at SP Fire Technology.

SP Swedish National Testing and Research Institute

Postal address
SP
Box 857
SE-501 15 Borås
SWEDEN

Office location
Västeråsen
Brinellgatan 4
Borås

Phone / Fax / E-mail
+46 33 16 50 00
+46 33 13 55 02
info@sp.se

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REPORT

Date 2005-10-17 Reference P502694C Page 2 (2)

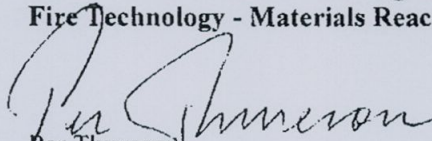


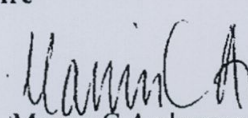
Test results

The test results are given in appendix 2 – 5 .

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

SP Swedish National Testing and Research Institute Fire Technology - Materials Reaction to Fire


Per Thureson
Technical Manager


Marina C Andersson
Technical Officer

Received
- 8 JUL 2009
Blackett Maguire + Goldsmith

Appendices

- 1 Product list
- 2 Test results, EN ISO 9239-1, Aqualon Relief
- 3 Test results, EN ISO 11925-2, Aqualon Relief
- 4 Test results, EN ISO 9239-1, Safestep, Safestep R12, Safestep Grip, Onestep
- 5 Test results, EN ISO 11925-2, Safestep, Safestep R12, Safestep Grip, Onestep



List of Forbo Project Vinyl AB's products

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- 7 JUL 2009
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Products

According to the client:

Polyvinyl chloride resilient floor covering for commercial use consisting of a backing of PVC with fillers, glass fibre reinforcement, wear layer of pigmented plasticized PVC. Carborundum is added to the wear layer for better slip resistance. The products have a nominal thickness of 2.0 mm. The product group including the tested versions are listed below together with product name, wear layer thickness and area weight of each product.

Product name	Nominal area weight (kg/m ²)	Nominal thickness of wear layer (mm)	Tested according to EN ISO 9239-1 and EN ISO 11925-2
Safestep	2.8	0.7	Appendix 4 and 5
Safestep R12	2.8	0.7	Appendix 4 and 5
Safestep Grip	2.8	0.7	Appendix 4 and 5
Onestep	2.9	0.45	Appendix 4 and 5
Aqualon Relief*	2.8	0.7	Appendix 2 and 3

*Floor coverings for wet room areas without glass fibre reinforcement.

The tests have been carried out on products covering the area weight range and the thickness range of the product group.

The protocol on fire testing and classification of resilient, textile and laminate floorings - FSG Recommendation 015 - from the fire sector group of notified bodies, have been applied in the process of selecting suitable products for testing



Test results – EN ISO 9239-1, January 2002

Product

According to the client:

Polyvinyl chloride resilient floor covering for commercial use consisting of a backing of PVC with fillers, glass fibre reinforcement, wear layer of pigmented plasticized PVC. Carborundum is added to the wear layer for better slip resistance. The product has a nominal thickness of 2.0 mm. Product tested is listed below including product name, wear layer thickness and area weight.

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Product name	Dessin / Production batch	Production date	Nominal thickness of wear layer (mm)	Nominal area weight (kg/m ²)
Aqualon Relief*	24392 / 7315-012	2005-04-20	0.7	2.8

*Floor coverings for wet room areas without glass fibre reinforcement.

Application

The specimen was loosely put on to a non-combustible board, type "Eterplan N", having a density of 1800 kg/m³ approximately.

Test results

Test no	1	2	3	4
Direction	↑	→	→	→
Flame spread distance, mm	Time, min:s	Time, min:s	Time, min:s	Time, min:s
50	2:07	2:12	2:03	2:03
100	2:42	2:46	2:40	2:39
150	3:10	3:07	3:18	3:06
200	3:48	4:01	4:12	4:10
250	-	4:45	5:00	-
Flames at flame front extinguished	5:21	4:55	5:30	5:36



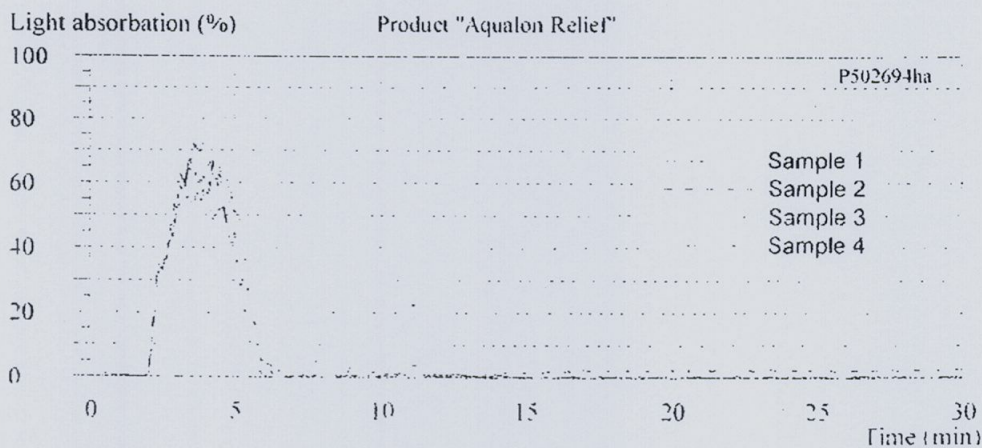
Appendix 2

Test no	1	2	3	4
Direction	↑	→	→	→
Time, min	Flame spread distance, mm	Flame spread distance, mm	Flame spread distance, mm	Flame spread distance, mm
HF-10	-	-	-	-
HF-20	-	-	-	-
HF-30	-	-	-	-

Test no	1	2	3	4	Average value*
Direction	↑	→	→	→	
Maximum flame spread, mm	230	250	250	240	-
Critical radiant flux (CHF), kW/m ²	9.0	8.6	8.7	8.9	<u>8.7</u>
Peak smoke production, %	73	65	67	66	<u>66</u>
Light absorption (area under curve), % x min	138	225	175	177	<u>192</u>

* The mean value is from the test data on the three specimens with the same directional orientation.

Smoke generation sample no 1 to 4



REPORT

Date
2005-10-17

Reference
P502694C

Page
3 (3)

Appendix 2



Measured data

Thickness 2.3 – 2.4 mm.
Area weight 2.6 kg/m².

Conditioning

According to EN 13238, 2000.

Temperature (23 ± 2) °C.
Relative humidity (50 ± 5) %.

Date of test

September 29 and October 3, 2005.



Test results – EN ISO 11925-2, 2002

Product

According to the client:

Polyvinyl chloride resilient floor covering for commercial use consisting of a backing of PVC with fillers, glass fibre reinforcement, wear layer of pigmented plasticized PVC. Carborundum is added to the wear layer for better slip resistance. The product has a nominal thickness of 2.0 mm. Product tested is listed below including product name, wear layer thickness and area weight.

Product name	Dessin / Production batch	Production date	Nominal thickness of wear layer (mm)	Nominal area weight (kg/m ²)
Aqualon Relief*	24392 / 7315-012	2005-04-20	0.7	2.8

*Floor coverings for wet room areas without glass fibre reinforcement.

Test preparation

The specimen was loosely put on to a non-combustible board, type "Eterplan N", having a density of 1800 kg/m³ approximately.

Application

Surface exposure. Flame exposure time was 15 seconds.

Test results

Test no	1	2	3	4	5	6
Direction	↑	↑	↑	→	→	→
The sample ignited, s	9	9	10	10	9	9
The flames reach 150 mm, s	-*	-*	-*	-*	-*	-*
Burning droplets	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-

*Flaming ceased before the flame tip reached 150 mm.

Measured data

Thickness 2.3 – 2.4 mm.
Area weight 2.6 kg/m².

Conditioning

According to EN 13238, 2001.
Temperature (23 ± 2) °C.
Relative humidity (50 ± 5) %.

Date of test

October 4, 2005.

REPORT

Date
2005-10-17

Reference
P502694C

Page
1 (3)

Appendix 4



Test results – EN ISO 9239-1, January 2002

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Products

According to the client:

Polyvinyl chloride resilient floor covering for commercial use consisting of a backing of PVC with fillers, glass fibre reinforcement, wear layer of pigmented plasticized PVC. Carborundum is added to the wear layer for better slip resistance. The products have a nominal thickness of 2.0 mm. Products tested are listed below including product name, wear layer thickness and area weight of each product.

Product name	Dessin / Production batch	Production date	Nominal thickness of wear layer (mm)	Nominal area weight (kg/m ²)
Safestep	8214 / 5668-246	2005-06-29	0.7	2.8
Safestep R12	8594 / 5645-336	2005-06-21	0.7	2.8
Safestep Grip	8314 / 5650-011	2005-06-22	0.7	2.8
Onestep	8491 / 5634-354	2005-06-17	0.45	2.9

Application

The specimen was loosely put on to a non-combustible board, type "Eterplan N", having a density of 1800 kg/m³ approximately.

Test results

Test no	1	2	3	4
Product	Safestep	Safestep R12	Safestep Grip	Onestep
Direction	→	→	→	→
Flame spread distance, mm	Time, min:s	Time, min:s	Time, min:s	Time, min:s
50	2:21	2:30	2:18	2:12
100	3:06	3:03	2:45	3:18
150	3:37	3:34	3:21	4:09
200	4:15	4:37	5:06	4:49
250	5:37	-	-	-
Flames at flame front extinguished	6:09	6:09	6:15	6:00

REPORT

Date
2005-10-17

Reference
P502694C

Page
2 (3)

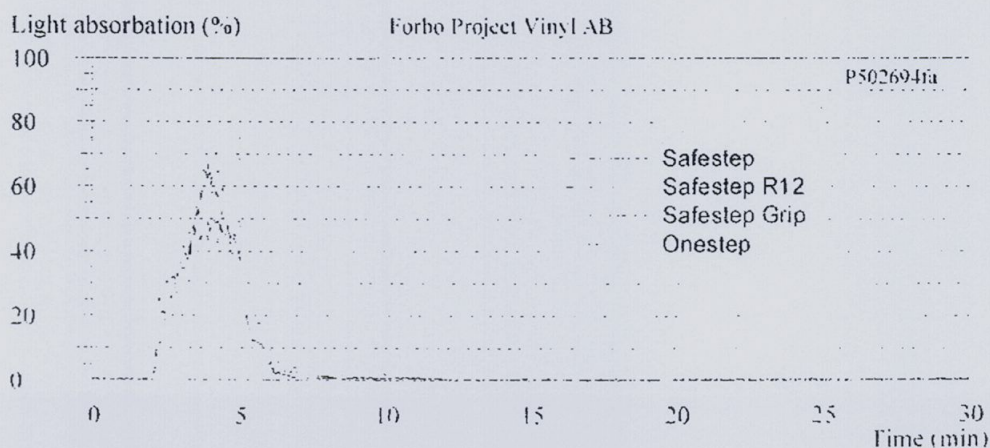
Appendix 4



Test no	1	2	3	4
Product	Safestep	Safestep R12	Safestep Grip	Onestep
Direction	→	→	→	→
Time, min	Flame spread distance, mm	Flame spread distance, mm	Flame spread distance, mm	Flame spread distance, mm
HF-10	-	-	-	-
HF-20	-	-	-	-
HF-30	-	-	-	-

Test no	1	2	3	4	Average value
Product	Safestep	Safestep R12	Safestep Grip	Onestep	
Direction	→	→	→	→	
Maximum flame spread, mm	250	240	230	220	-
Critical radiant flux (CHF), kW/m ²	8.6	8.8	9.0	9.2	-
Peak smoke production, %	71	64	48	51	-
Light absorption (area under curve), % x min	156	145	155	136	-

Smoke generation sample no 1 to 4





REPORT

Date
2005-10-17

Reference
P502694C

Page
3 (3)



Appendix 4

Measured data

Product	Thickness (mm)	Area weight (kg/m ²)
"Safestep"	2.0 approx.	2.9 approx.
"Safestep R12"	2.1 approx.	2.8 approx.
"Safestep Grip"	2.2 - 2.4	3.0 approx.
"Onestep"	2.1 approx.	2.9 approx.

Conditioning

According to EN 13238, 2000.

Temperature (23 ± 2) °C.

Relative humidity (50 ± 5) %.

Date of test

September 29 and 30, 2005.



Received

→ 11/11 2009

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Test results – EN ISO 11925-2, 2002

Products

According to the client:

Polyvinyl chloride resilient floor covering for commercial use consisting of a backing of PVC with fillers, glass fibre reinforcement, wear layer of pigmented plasticized PVC. Carborundum is added to the wear layer for better slip resistance. The products have a nominal thickness of 2.0 mm. Products tested are listed below including product name, wear layer thickness and area weight of each product.

Product name	Dessin / Production batch	Production date	Nominal thickness of wear layer (mm)	Nominal area weight (kg/m ²)
Safestep	8214 / 5668-246	2005-06-29	0.7	2.8
Safestep R12	8594 / 5645-336	2005-06-21	0.7	2.8
Safestep Grip	8314 / 5650-011	2005-06-22	0.7	2.8
Onestep	8491 / 5634-354	2005-06-17	0.45	2.9

Test preparation

The specimen was loosely put on to a non-combustible board, type "Eterplan N", having a density of 1800 kg/m³ approximately.

Application

Surface exposure. Flame exposure time was 15 seconds.

Test results

Test no	1	2	3	4	5	6	7	8
Product	Safestep		Safestep R12		Safestep Grip		Onestep	
Direction	↑	→	↑	→	↑	→	↑	→
The sample ignited, s	10	10	8	9	10	8	9	9
The flames reach 150 mm, s	-*	-*	-*	-*	-*	-*	-*	-*
Burning droplets	No	No	No	No	No	No	No	No
Time when filter paper ignited, s	-	-	-	-	-	-	-	-

*Flaming ceased before the flame tip reached 150 mm.

REPORT

Date
2005-10-17

Reference
P502694C

Page
2 (2)

Appendix 5



Measured data

Product	Thickness (mm)	Area weight (kg/m ²)
"Safestep"	2.0 approx.	2.9 approx.
"Safestep R12"	2.1 approx.	2.8 approx.
"Safestep Grip"	2.2 - 2.4	3.0 approx.
"Onestep"	2.1 approx.	2.9 approx.

Conditioning

According to EN 13238, 2001.
Temperature (23 ± 2) °C.
Relative humidity (50 ± 5) %.

Date of test

October 4, 2005.

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Certificate of Compliance
Design and Installation of Essential Services

Local Government Act 1993

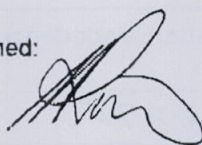
In accordance with the Building Code of Australia and AS1668 Parts 1 and 2

City/ Municipality/ Shire: Pittwater
Date of Certificate: 1.5.2009
Building No/ Name: Seaside Nursing Home
District/ Town/ Village: 194 Garden Street Warriewood

Name of Essential Service	Date of Test or Inspection	Name and Address of Person By Whom was Inspected or Tested	Was the Service Found to Have Been Installed to Manufacturers Specification and be Capable of the Intended Operation
Toilet Exhaust	1.5.2009	Remo Automation Matt Sutton 28/ 7 Salisbury Road Castle Hill 2154	YES

I **Matt Sutton of Remo Automation Pty Ltd** certify that the information contained in these certificates is to the best of my knowledge and believed to be true and correct

Signed:



Name: Matt Sutton
Position: Director

CERTIFICATE OF COMPLIANCE - ELECTRICAL WORK

Customer **CURT**

CERTIFICATE NO: 351981

Received
-7 JUL 2009

CUSTOMER DETAILS

Name: **SEASIDE NURSING HOME** Telephone Contact:

Address: **194 GARDEN ST WARRIENWOOD** Meter No:

Cross Street: Postcode: NMI (if applicable):

Blakett Maguire + Goldsmith

INSTALLATION WORK DETAILS Indicate the type of installation and types of work performed under this Notice					
Type of Installation	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Commercial	<input type="checkbox"/> Industrial	<input type="checkbox"/> Rural	<input type="checkbox"/> Other
Special Conditions	<input type="checkbox"/> over 100 amps	<input type="checkbox"/> High Voltage	<input type="checkbox"/> Hazardous Area	<input type="checkbox"/> Generator	<input type="checkbox"/> Unmetered Supply

CERTIFICATE MUST BE ISSUED TO THE CUSTOMER FOR ALL ELECTRICAL WORK

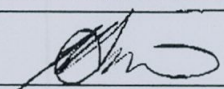
Work of the following type must ALSO be notified to the ELECTRICITY DISTRIBUTOR (DNSP)

New Installation Network connection or metering

Additions or alterations to a switchboard or associated equipment Defect Rectification No:

DETAILS OF EQUIPMENT Describe the equipment and estimate load increase of the work affected by this Notice. If insufficient space attach separate sheets.

EQUIPMENT	RATING	No.	PARTICULARS OF WORK
<input type="checkbox"/> Switchboards			
<input type="checkbox"/> Circuits			
<input checked="" type="checkbox"/> Lighting	10A	4	INSTALLATION FOUR NEW LIGHTS TO EXISTING
<input type="checkbox"/> Socket-outlets			
<input checked="" type="checkbox"/> Appliances	10A	2	INSTALL 2 NEW EXHAUST FANS
Estimated increase in load A/ph			<input type="checkbox"/> Increased load is within capacity of installation/service mains
<input type="checkbox"/> Work is connected to supply			<input type="checkbox"/> Work is not connected to supply pending inspection by DNSP

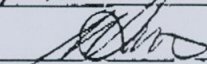
The work has been carried out or supervised by:  Licence No: **31875**

TEST REPORT Indicate the relevant tests and checks that have been performed on the work. If test records are provided attach as separate sheets.

<input type="checkbox"/> Earthing system integrity Ω	<input checked="" type="checkbox"/> Residual current device operation
<input checked="" type="checkbox"/> Insulation resistance MΩ	<input checked="" type="checkbox"/> Visual check that installation is suitable for connection to supply
<input checked="" type="checkbox"/> Polarity	<input type="checkbox"/> Stand-alone power system complies with AS 4509
<input checked="" type="checkbox"/> Correct circuit connections	<input type="checkbox"/> Fault loop impedance (if necessary)

I confirm that I have carried out the above tests and visually checked that the installation work described in this Certificate complies with AS/NZS 3000 and is suitable for its intended use.

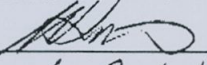
Name: **Matt Syton** Licence No: **31875**

Signature:  Date of Testing: **1.5.09**

CERTIFICATION

I, the Electrical Contractor give notice to the Customer and (Name of DNSP or OFT), that the work described in this Certificate has been completed in accordance with the Electricity (Consumer Safety) Regulation 2006

Name: **REMO AUTOMATION** Licence No: **183600C**

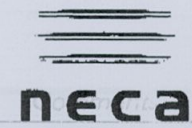
Signature:  Date of Notice: **1.6.09**

Address: **28/7 Salisbury Rd CASTLE HILL** Telephone No. or Other Contact: **1300 797 775**

ELECTRICITY DISTRIBUTOR (DNSP) REMARKS

Inspected by: Date:

Comments:



9746 9588



White Water

PLUMBING & DRAINAGE PTY LTD

ABN 14 113 746 508 Lic. No 176689C

PO Box 650

Wentworthville NSW 2145

18/6/09

Total Construction Pty Ltd
Attn: Alan McCormack
PO Box 212
North Strathfield NSW 2137

Received

-7 JUL 2009

Plackett Maguire + Goldsmith

Certificate of Compliance

Project: Seaside Nursing Home
194 Garden St, Warriewood
Trade: Plumbing & Drainage

I hereby certify that the works on the above project have been constructed in accordance with the architectural drawings, specification, manufacturers' requirements, the relevant Australian Standards and in particular the installation is in accordance with the following:

- BCA section J, part J7 (Hot water supply)
- Section 8 of AS/NZS3500.4

I am a properly qualified and competent person in this area and as such can certify that the installation is in accordance with the above documentation.

Name of Certifier: Anthony Gorton

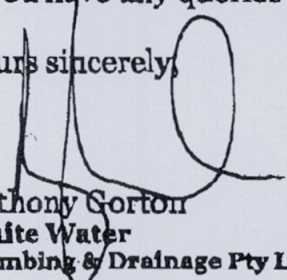
Company: White Water Plumbing & Drainage Pty Ltd

Address: PO Box 650 Wentworthville NSW 2145

Phone No: 9896 2165 Fax No: 9631 8310

If you have any queries please do not hesitate to contact me on 0419449742.

Yours sincerely,


Anthony Gorton
White Water
Plumbing & Drainage Pty Ltd

TOTAL CONSTRUCTION

Concept to Completion

07/07/09

Steven Rodriguez
Blackett Maguire & Goldsmith
P.O. Box 167
Broadway NSW 2007

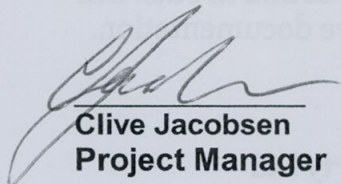
RE: Certification for Seaside Nursing Home, 184 Garden Street, Warriewood

Dear Steven

The existing building is sprinkler protected. During our construction works, we extended the existing sprinkler system into the two new ensuite bathrooms.

Please refer to the sprinkler certificate from our fire services contractor in section 10 of this folder.

Yours faithfully



Clive Jacobsen
Project Manager

Total Construction Pty Ltd ABN 32 067 732 941

Sydney Level 2, 3 George Street - PO Box 212 - North Strathfield NSW 2137

Melbourne Level 1, 21 Cremorne Street Richmond - PO Box 2169 - Richmond Sth VIC 3121

Adelaide 62 North Terrace - PO Box 746 - Kent Town BC SA 5071

All accounts to PO Box 212 North Strathfield NSW 2137

T 02 9746 9555 **F** 02 9746 9588

T 03 9417 4744 **F** 03 9417 7011

T 08 8363 1133 **F** 08 8363 6766

www.totalconstruction.com.au

TOTAL CONSTRUCTION

Concept to Completion

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-7 JUL 2009
Blackett Maguire + Goldsmith

07/07/09

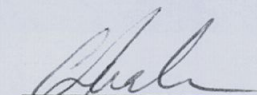
Steven Rodriguez
Blackett Maguire & Goldsmith
P.O. Box 167
Broadway NSW 2007

RE: Certification for Seaside Nursing Home, 184 Garden Street, Warriewood

Dear Steven

Total Construction did not make any alterations to the existing EWIS system during the course of our construction works.

Yours faithfully


Clive Jacobsen
Project Manager

Total Construction Pty Ltd ABN 32 067 732 941

Sydney Level 2, 3 George Street - PO Box 212 - North Strathfield NSW 2137

Melbourne Level 1, 21 Cremorne Street Richmond - PO Box 2169 - Richmond Sth VIC 3121

Adelaide 62 North Terrace - PO Box 746 - Kent Town BC SA 5071

All accounts to PO Box 212 North Strathfield NSW 2137

T 02 9746 9555 **F** 02 9746 9588

T 03 9417 4744 **F** 03 9417 7011

T 08 8363 1133 **F** 08 8363 6766

www.totalconstruction.com.au



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7 JUL 2009
Blackett Maguire + Goldsmith

FIRE SAFETY CERTIFICATE

Issued Under the Environmental Planning and Assessment Regulation 2000

The owner of a building, or the owner's agent, needs to provide to the council:

- a final fire safety statement each year where an essential fire safety measure applies;
- a supplementary fire safety statement, as often as set out in the current fire safety schedule for the building, where a critical fire safety measure applies.
- In either case, you can use this form to do so.

A copy of the statement also needs to be given to the Commissioner of NSW Fire Brigades and displayed in the building in a prominent position.

1. Description of the building being certified

Name of the owner of the building / part of the building: **194 Garden Street Warriwood**

Address of the building or part of the building: _____

Owners or representative signature: _____

This statement is for: part of the building (external sprinklers around building works area) whole building

2. Assessment of fire safety measures

Item	Installation Standard	Description	Date	Maintenance Standard
1	AS2118.1-1999	Automatic Fire Sprinklers	16 th June 2009	N/A

3. Type of Certificate

This is: an interim fire safety certificate a final fire safety certificate

Date of this certificate: **18th June 2009**

4. Certification

- I, **Evan Brown** of **Fireteq Pty Ltd** being the owner of the building described above, or the agent of the owner, certify that:
- each of the essential fire safety measures listed above has been assessed by a properly qualified person, and was found, when it was assessed by that person, to be capable of performing to at least the standard required by the current fire safety schedule for the building;
 - the information contained in this statement is true and accurate to the best of my knowledge and belief.

5. Signature

 The owner of the building, or the agent's owner, must complete and sign the certificate.

Signature:

Name: **Evan Brown**

Address: **46/9 Hoyle Avenue Castle Hill NSW 2154**

Capacity in which person is signing: **Agent - (Fire Services Contractor)**

6. Privacy Policy

You need to provide the information in this certificate to the certifying authority if you are applying for an occupation certificate. You also need to give the information to the council and the Commissioner of New South Wales Fire Brigades if a fire safety order has been made for the building once you have satisfied that order. If you do not supply a fire safety certificate as required, you will be in breach of the Environmental Planning and Assessment Act 1979 and you could be found guilty of an offence and/or required to take further action. Please contact the council if the information you have provided in this certificate is incorrect or changes.

7. System Maintenance Information

The system(s) is under contract and being maintained to AS1851 by Fireteq Pty Ltd beyond the inspection date **Yes**

8. Contact Information

Fireteq Pty Ltd ABN 41 092 451 735 46/9 Hoyle Avenue Castle Hill NSW 2154
 PO Box 6785 Baulkham Hills BC NSW 2153 ph 61 2 9894 4100 fax 61 2 9894 4177 email service@fireteq.com.au



Industrial Research Services

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Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 Email: tiles@csiro.au Web: http://www.cmmt.csiro.au

Registered Testing Authority - Building Code of Australia

26 September 2006

Our Ref. ES13/640 03/0212

Received
7 JUL 2009

Blackett Maguire + Goldsmith

TEST REPORT No. SY1211

Requested by: Forbo Floorcoverings Pty Ltd
on (date): 19 September 2006
Manufacturer: Forbo Floorcoverings Pty Ltd
Product Desc.: "Aqualon Relief", 2 mm thick
Pure plasticized PVC decorated with PVC chips, with anti slippery surface embossing

Sampling details:
Where: Delivered
Date: 19 September 2006
By whom: Courier
How (methods): N/A

The results reported relate only to the sample(s) tested and the information received. No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision. CSIRO cannot accept responsibility for deviations in the manufactured quality and performance of the product. While CSIRO takes care in preparing the reports it provides to clients, it does not warrant that the information in this particular report will be free of errors or omissions or that it will be suitable for the client's purposes. CSIRO will not be responsible for the results of any actions taken by the client or any other person on the basis of the information contained in the report or any opinions expressed in it. The reproduction of this test report is only authorised in the form of a complete photographic facsimile. Our written approval is necessary for any partial reproduction.

This test report consists of 6 pages

SUMMARY OF SLIP RESISTANCE TESTS PERFORMED:

		Result	Class
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials		
	Appendix A: WET Pendulum (Four S). Mean BPN:	37	X
	Appendix B: DRY (FFT). Mean COF:	0.75	F
	Appendix A,B: Dual classification:		XF
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials		
	Appendix C: WET/BAREFOOT Ramp		
	Mean angle of inclination:	13°	A
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials,		
	Appendix D: OIL-WET Ramp [Equiv. to DIN 51130 Rev92]		
	Mean overall acceptance angle:	14.7°	R 10

In order to interpret the classifications, please refer to Standards Australia Handbook 197, An Introductory Guide to the Slip Resistance of Pedestrian Surface Materials, which recommends minimum classifications for a wide variety of locations.

It is important to realise that test results obtained on unused factory-fresh samples may not be directly applicable in service, where proprietary surface coatings, contamination, wear and subsequent cleaning all influence the behaviour of the pedestrian surface.



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REPORT NO: SY1211 Page 2 of 6
ISSUE DATE: 26 September 2006
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: "Aqualon Relief", 2 mm thick
Pure plasticized PVC decorated with PVC chips, with anti slippery surface embossing

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET PENDULUM TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix A)

Test Date: 22 September 2006

RESULTS: Location: Highett Slip Resistance Laboratory Rubber slider used: Four S
Conditioned with grade P400 paper, dry
Sample: Unfixed
Cleaning: Distilled water
Temperature: 23°C

Pendulum Friction Tester: Stanley (S/N: 9234, calibrated 13/6/05)
Test conducted by: David Weeks

	Specimen				
	1	2	3	4	5
Last 3 swings	37	40	36	37	38
	37	40	36	37	38
	37	39	36	37	36
Averages	37	40	36	37	37

Mean BPN : 37

CLASS : X

Where products are to be used in wet barefoot areas, it is more appropriate to test to Appendix C of AS/NZS 4586 (which is technically equivalent to DIN 51097).



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REPORT NO: SY1211 Page 3 of 6
ISSUE DATE: 26 September 2006
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: "Aqualon Relief", 2 mm thick
Pure plasticized PVC decorated with PVC chips, with anti slippery surface embossing

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

DRY FLOOR FRICTION TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix B)

Test Date: 22 September 2006

RESULTS Location: Highett Slip Resistance Laboratory Rubber Type: Four S
Sample Sample Fixed Conditioned with grade P400 paper, dry
Cleaning: Dry el/static cloth
Temperature: 23°C
FFT measurements taken over 2 passes of 800mm each

Floor Friction Tester: Tortus Mk II (S/N: 244)
Test conducted by: David Weeks

Run 1: Average COF: 0.71
Run 2: Average COF: 0.75
Mean COF: 0.73

According to AS/NZS 4586 the Dry Coefficient of Friction shall be reported as :
(mean rounded to the nearest 0.05)

0.75

CLASS :

F



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REPORT NO: SY1211 Page 4 of 6
ISSUE DATE: 26 September 2006
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: "Aqualon Relief", 2 mm thick
Pure plasticized PVC decorated with PVC chips, with anti slippery surface embossing

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET/BAREFOOT RAMP TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix C)

Test Date: 22 September 2006

Location: Slip Resistance Laboratory

Sample Fixed

Joint width: - mm

Surface structure: Smooth
 Profiled
 Structured

RESULTS

	Actual mean	Reported mean
Mean angle of inclination:		
Calibration Board A:	11.11 °	11 °
Calibration Board B:	17.63 °	18 °
Calibration Board C:	24.95 °	25 °
Mean angle of inclination of Test Board:	12.84 °	13 °

CLASSIFICATION:

Quality Group:

A



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REPORT NO: SY1211 Page 5 of 6
ISSUE DATE: 26 September 2006
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: "Aqualon Relief", 2 mm thick
Pure plasticized PVC decorated with PVC chips, with anti slippery surface embossing

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

OIL-WET RAMP TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix D) [Equiv. to DIN 51130 Rev92] Test Date: 22 September 2006

Location: Slip Resistance Laboratory

Sample Fixed

Joint width: - mm

Surface structure: Smooth
 Profiled
 Structured

RESULTS

Mean overall acceptance angle: **14.7 °**

Displacement space: **not tested**

CLASSIFICATION:

Slip Resistance Assessment Group:

R 10

Displacement Space Assessment Group:

-



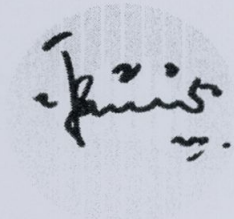
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REPORT NO: 1211 Page 6 of 6
ISSUE DATE: 26 September 2006
MANUFACTURER: Forbo Floorcoverings Pty Ltd
TILE DESC: "Aqualon Relief", 2 mm thick
Pure plasticized PVC decorated with PVC chips, with anti slippery surface embossing

Date and Place 26 September 2006, North Ryde, NSW

Name, Title and Digital Signature:


CSIRO

TINTIN
Experimental Scientist

Tel: 61 2 94905430
Fax: 61 2 94905555
Email: Tintin.Tintin@csiro.au

Consulting services are available if further detailed analysis of the test results are required.

PR:T260906-09:34:50



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Registered Testing Authority - Building Code of Australia

23 April 2007

Our Ref. ES13 / 640 03/0212

TEST REPORT No. SY1270-4

Requested by: Forbo Floorcoverings Pty Ltd
on (date): 2 April 2007
Manufacturer: Forbo Floorcoverings
Product Desc.: Eternal - Wood

Sampling details:

Where: Delivered
Date: 11 April 2007
By whom: Courier
How (methods): N/A

Received
7 JUL 2009
Blackett Maguire + Goldsmith

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This test report consists of 6 pages

SUMMARY OF SLIP RESISTANCE TESTS PERFORMED:

		Result	Class
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials		
	Appendix A: WET Pendulum (Four S). Mean BPN:	37	X
	Appendix B: DRY (FFT). Mean COF:	0.50	F
	Appendix A,B: Dual classification:		XF
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials		
	Appendix C: WET/BAREFOOT Ramp		
	Mean angle of inclination:	13°	
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials,		
	Appendix D: OIL-WET Ramp		
	Mean overall acceptance angle:	16.5°	R 10

In order to interpret the classifications, please refer to Standards Australia Handbook 197, An Introductory Guide to the Slip Resistance of Pedestrian Surface Materials, which recommends minimum classifications for a wide variety of locations.

It is important to realise that test results obtained on unused factory-fresh samples may not be directly applicable in service, where proprietary surface coatings, contamination, wear and subsequent cleaning all influence the behaviour of the pedestrian surface.



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REPORT NO: SY1270-4
ISSUE DATE: 23 April 2007
MANUFACTURER: Forbo Floorcoverings
PRODUCT DESC: Eternal - Wood

Page 2 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET PENDULUM TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix A)

Test Date: 11 April 2007

RESULTS:	Location:	Highett Slip Resistance Laboratory	Rubber slider used:	Four S
	Sample:	Fixed	Conditioned with:	grade P400 paper, dry
	Cleaning:	Acetone		
	Temperature:	23°C		

Pendulum Friction Tester: Stanley (S/N: 0312, calibrated 03/02/07)
Test conducted by: Peter Westgate

	Specimen				
	1	2	3	4	5
Last 3 swings	36	37	37	37	37
	36	37	37	37	37
	35	36	37	36	36
Averages	36	37	37	37	37

Mean BPN : 37

CLASS :

X

Where products are to be used in wet barefoot areas, it is more appropriate to test to Appendix C of AS/NZS 4586 (which is technically equivalent to DIN 51097).



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REPORT NO: SY1270-4
ISSUE DATE: 23 April 2007
MANUFACTURER: Forbo Floorcoverings
PRODUCT DESC: Eternal - Wood

Page 3 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

DRY FLOOR FRICTION TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix B)

Test Date: 11 April 2007

RESULTS Location: Highett Slip Resistance Laboratory Rubber Type: Four S
Sample Fixed Conditioned with grade P400 paper, dry
Cleaning: Acetone
Temperature: 23°C
FFT measurements taken over 2 passes of 800mm each

Floor Friction Tester: Tortus Mk II (S/N: 244)
Test conducted by: Peter Westgate

Run 1: Average COF: 0.49
Run 2: Average COF: 0.51
Mean COF: 0.50

According to AS/NZS 4586 the Dry Coefficient of Friction shall be reported as :
(mean rounded to the nearest 0.05)

0.50

CLASS :

F



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REPORT NO: SY1270-4
ISSUE DATE: 23 April 2007
MANUFACTURER: Forbo Floorcoverings
PRODUCT DESC: Eternal - Wood

Page 4 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET/BAREFOOT RAMP TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix C)

Test Date: 11 April 2007

Location: Slip Resistance Laboratory

Sample Fixed

Joint width: mm

Surface structure: Smooth
 Profiled
 Structured

RESULTS

		Actual mean	Reported mean
Mean angle of inclination:	Calibration Board A:	12.78 °	13 °
	Calibration Board B:	18.16 °	18 °
	Calibration Board C:	25.10 °	25 °
Mean angle of inclination of Test Board:		12.71 °	13 °

CLASSIFICATION:

Quality Group:

PLEASE NOTE!

This pedestrian surface material cannot be classified because the mean angle of inclination of calibration Board A was 12.78 and the test sample only achieved the lower mean result of 12.71 degrees.



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REPORT NO: SY1270-4
ISSUE DATE: 23 April 2007
MANUFACTURER: Forbo Floorcoverings
PRODUCT DESC: Eternal - Wood

Page 5 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

OIL-WET RAMP TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix D)

Test Date: 11 April 2007

Location: Slip Resistance Laboratory

Sample Fixed

Joint width: mm

Surface structure: Smooth
 Profiled
 Structured

RESULTS

Mean overall acceptance angle: 16.5 °

Displacement space: not tested

CLASSIFICATION:

Slip Resistance Assessment Group:

R 10

Displacement Space Assessment Group:

-



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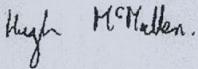
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REPORT NO: 1270-4
ISSUE DATE: 23 April 2007
MANUFACTURER: Forbo Floorcoverings
TILE DESC: Eternal - Wood

Page 6 of 6

Date and Place 23 April 2007, North Ryde, NSW

Name, Title and Digital Signature:



HUGH MCMULLEN
Laboratory Manager

Tel: 61 2 94905414
Fax: 61 2 94905555
Email: Hugh.McMullen@csiro.au

Consulting services are available if further detailed analysis of the test results are required.

PR:M030507-09:41:08



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REPORT NO: 1270-4
ISSUE DATE: 23 April 2007
MANUFACTURER: Forbo Floorcoverings
PRODUCT DESC: Eternal - Wood

Addendum

DETERMINATION OF Rz SURFACE ROUGHNESS

(Using a Taylor-Hobson Surtronic 10 Rz roughness meter using a 0.8mm cut off length)

Test Date: 11 April 2007

RESULTS

Location: Slip Resistance Laboratory

	Rz values
1	12.5
2	12.8
3	15.5
4	19.9
5	23.0
6	22.6
7	17.3
8	26.7
9	19.8
10	20.9

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Surface Roughness (Rz) mean = 19.1 microns

BS 7976:2002, Pendulum Testers, requires a different test foot preparation (lapping paper) for pedestrian surfaces that have a Rz roughness of less than 15 microns. This lapping paper tends to reduce the pendulum result, sometimes appreciably. CSIRO recommends the use of this procedure (CSIRO COF1) as an adjunct to AS/NZS 4586. It helps to discriminate among products that have marginal wet slip resistance and to identify those that may be dangerous if wet.

The measurement of the various aspects of surface roughness is complex given the number of potential roughness parameters. While there is still some uncertainty as to exactly what type of roughness needs to be measured, peak-to-trough roughness (Rz) gives a useful guide to the likely slip resistance in wet conditions. Research has suggested that hard floors need to have a slightly higher Rz roughness than polymeric floors for the same degree of safety in wet conditions, but whatever flooring material is used an Rz roughness value of at least 10 microns is required where wet slip resistance may be required. In circumstances where wetness is normal or expected, this figure should be increased by a factor of 2 or more.

Greater peak surface roughnesses are likely to be required where floors slope or where the floor is likely to become contaminated with high viscosity liquids.



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Registered Testing Authority - Building Code of Australia

5 August 2005

Our Ref. ES13 / 640 03/0212

TEST REPORT No. SY1016-1

Requested by: Forbo Floorcoverings Pty Ltd
on (date): 28 July 2005
Manufacturer: Forbo Floorcoverings Pty Ltd
Product Desc.: Safestep 8214
Resilient sheet flooring material

Sampling details:
Where: Delivered
Date: 1 August 2005
By whom: Courier
How (methods): N/A

Received
- 7 JUL 2009
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This test report consists of 6 pages

SUMMARY OF SLIP RESISTANCE TESTS PERFORMED:

		Result	Class
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials		
	Appendix A: WET Pendulum (Four S). Mean BPN:	58	V
	Appendix B: DRY (FFT). Mean COF:	0.80	F
	Appendix A,B: Dual classification:		VF
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials		
	Appendix C: WET/BAREFOOT Ramp		
	Mean angle of inclination:	20°	B
AS/NZS 4586:2004	Slip resistance classification of new pedestrian surface materials,		
	Appendix D: OIL-WET Ramp [Equiv. to DIN 51130 Rev92]		
	Mean overall acceptance angle:	28.2°	R 12

In order to interpret the classifications, please refer to Standards Australia Handbook 197, An Introductory Guide to the Slip Resistance of Pedestrian Surface Materials, which recommends minimum classifications for a wide variety of locations.

It is important to realise that test results obtained on unused factory-fresh samples may not be directly applicable in service, where proprietary surface coatings, contamination, wear and subsequent cleaning all influence the behaviour of the pedestrian surface.



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REPORT NO: SY1016-1
ISSUE DATE: 5 August 2005
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: Safestep 8214
Resilient sheet flooring material

Page 2 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET PENDULUM TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix A)

Test Date: 5 August 2005

RESULTS:	Location:	North Ryde Slip Resistance Laboratory	Rubber slider used: Four S
	Sample:	Unfixed	Conditioned with grade P400 paper, dry
	Cleaning:	Distilled water	
	Temperature:	23°C	

Pendulum Friction Tester: Stanley - Munro London (S/N: 0312, calibrated 03/02/05)
Test conducted by: Carl Strautins

	Specimen				
	1	2	3	4	5
Last 3 swings	59	56	60	59	56
	59	56	60	59	56
	58	56	60	59	56
Averages	59	56	60	59	56

Mean BPN : 58

CLASS :

V

Where products are to be used in wet barefoot areas, it is more appropriate to test to Appendix C of AS/NZS 4586 (which is technically equivalent to DIN 51097).



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REPORT NO: SY1016-1
ISSUE DATE: 5 August 2005
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: Safestep 8214
Resilient sheet flooring material

Page 3 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

DRY FLOOR FRICTION TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix B)

Test Date: 4 August 2005

RESULTS Location: North Ryde Slip Resistance Laboratory Rubber Type: Four S
Sample: Sample Unfixed Conditioned with grade P400 paper, dry
Cleaning: Distilled water
Temperature: 23°C
FFT measurements taken over 2 passes of 800mm each

Floor Friction Tester: Tortus Mk II (S/N: 244)
Test conducted by: Carl Strautins

Run 1: Average COF: 0.81
Run 2: Average COF: 0.83
Mean COF: 0.82

According to AS/NZS 4586 the Dry Coefficient of Friction shall be reported as : **0.80**
(mean rounded to the nearest 0.05)

CLASS :

F



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REPORT NO: SY1016-1
ISSUE DATE: 5 August 2005
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: Safestep 8214
Resilient sheet flooring material

Page 4 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

WET/BAREFOOT RAMP TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix C)

Test Date: 4 August 2005

Location: Slip Resistance Laboratory

Sample Fixed

Joint width: mm

Surface structure: Smooth
 Profiled
 Structured

RESULTS

		Actual mean	Reported mean
Mean angle of inclination:	Calibration Board A:	12.50 °	12 °
	Calibration Board B:	18.03 °	18 °
	Calibration Board C:	24.88 °	25 °
Mean angle of inclination of Test Board:		19.64 °	20 °

CLASSIFICATION:

Quality Group:

B



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REPORT NO: SY1016-1
ISSUE DATE: 5 August 2005
MANUFACTURER: Forbo Floorcoverings Pty Ltd
PRODUCT DESC: Safestep 8214
Resilient sheet flooring material

Page 5 of 6

SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS

OIL-WET RAMP TEST METHOD

TEST CARRIED OUT IN ACCORDANCE WITH
AS/NZS 4586:2004 (Appendix D) [Equiv. to DIN 51130 Rev92]

Test Date: 4 August 2005

Location: Slip Resistance Laboratory

Sample Fixed

Joint width: mm

Surface structure: Smooth
 Profiled
 Structured

RESULTS

Mean overall acceptance angle: 28.2 °

Displacement space: not tested

CLASSIFICATION:

Slip Resistance Assessment Group:

R 12

Displacement Space Assessment Group:

-



Industrial Research Services

Manuf. & Infrastr. Technology, 14 Julius Ave (Riverside Corp. Park), North Ryde, NSW, 2113, Australia
Telephone: 61 2 9490 5444 Facsimile: 61 2 9490 5555 Email: tiles@csiro.au Web: <http://www.cmit.csiro.au>

REPORT NO: 1016-1
ISSUE DATE: 5 August 2005
MANUFACTURER: Forbo Floorcoverings Pty Ltd
TILE DESC: Safestep 8214
Resilient sheet flooring material

Page 6 of 6

Date and Place 5 August 2005, North Ryde, NSW

Name, Title and Digital Signature:

CARL STRAUTINS
Technical Officer

Tel: 61 2 94905407
Fax: 61 2 94905777
Email: Carl.Strautins@csiro.au

Consulting services are available if further detailed analysis of the test results are required.

PR:S050805-17:08:53



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Addendum

DETERMINATION OF Rz SURFACE ROUGHNESS

(Using a Taylor-Hobson Surtronic 10 Rz roughness meter using a 0.8mm cut off length)

Test Date: 5 August 2005

RESULTS

Location: Slip Resistance Laboratory

Rz values

1	53.9
2	30.6
3	25.7
4	26.5
5	15.5
6	43.0
7	29.3
8	34.8
9	12.4
10	41.7

Surface Roughness (Rz) mean = 31.3 microns

BS 7976:2002, Pendulum Testers, requires a different test foot preparation (lapping paper) for pedestrian surfaces that have a Rz roughness of less than 15 microns. This lapping paper tends to reduce the pendulum result, sometimes appreciably. CSIRO recommends the use of this procedure (CSIRO COF1) as an adjunct to AS/NZS 4586. It helps to discriminate among products that have marginal wet slip resistance and to identify those that may be dangerous if wet.

The measurement of the various aspects of surface roughness is complex given the number of potential roughness parameters. While there is still some uncertainty as to exactly what type of roughness needs to be measured, peak-to-trough roughness (Rz) gives a useful guide to the likely slip resistance in wet conditions. Research has suggested that hard floors need to have a slightly higher Rz roughness than polymeric floors for the same degree of safety in wet conditions, but whatever flooring material is used an Rz roughness value of at least 10 microns is required where wet slip resistance may be required. In circumstances where wetness is normal or expected, this figure should be increased by a factor of 2 or more.

Greater peak surface roughnesses are likely to be required where floors slope or where the floor is likely to become contaminated with high viscosity liquids.

Received
-7 JUL 2009
Blackett Maguire + Goldsmith

Bayer Environmental Science



Bayer

Received

- 7 JUL 2009

KORDON TERMITE BARRIER

Warranty

This warranty is granted by Bayer Environmental Science, Bayer (A/CN 600/225 022) of 391-393 Tooronga Road, Hawthorn East, Victoria in respect of the installation of Kordon Termite Barrier (Kordon) in the Building.

Warranty No: 2009-6-1829

This Warranty covers damage by Subterranean Termites ("Termites") only. Bayer warrants that Kordon shall restrict the entry of Termites into the Building through the Kordon barrier for a period of ten (10) years from the date of installation ("Warranty Period").

This Warranty covers damage by Termites to structural timbers and internal timbers BUT DOES NOT INCLUDE damage by Termites to:

- (a) chattels of any nature whatsoever including (but without limiting the foregoing) antiques, heirlooms, paintings, artwork and paintings; and
- (b) any pergolas, wiring, extensions to the Building and outhouses.

If Termite infestation of the Building occurs as a result of the failure of the Kordon and damage by Termites is caused to structural timbers and/or internal timbers fixtures and fittings during the Warranty Period, Bayer will without charge to the Owner:

- (a) repair the Kordon barrier where practicable; and/or
- (b) cause the repair or replacement of structural timbers and/or internal timbers so damaged.

To the extent permitted by the Law of the State or Territory in which the premises are located:

- (a) the liability of Bayer under this Warranty is limited to a maximum of \$100,000.00 in respect of any one (1) warranty claim.
- (b) All representations and other warranties express or implied and whether arising by virtue of Statute or otherwise are excluded or limited as stated in this Warranty.

This Warranty shall only have effect if the Kordon is installed by an Accredited Bayer Installer.

OWNERS RESPONSIBILITIES

The Owner of the Building during the Warranty Period ("Owner"), at the Owner's expense, arrange for thorough and regular inspection of the Building for the presence of Termites at intervals not exceeding 12 months by an accredited/licenced Timber Pest Inspector.

Where the Termite risk is high or the Building type is susceptible to Termite attack (e.g. North of the 26th parallel) more frequent inspections (3-6 months) should be undertaken.

These inspection recommendations comply with those outlined in AS 3660 Termite Management Series and AS 4349.1-1995, inspection of buildings.

If Termites are detected or are found to have breached the Kordon barrier, the Owner must, within 7 days of such detection, notify Bayer

EXCLUSIONS

This Warranty shall be void and have no effect in any of the following circumstances:

The Kordon barrier is damaged, modified, bridged or otherwise interfered with by any person or any act, fact, matter or thing beyond the reasonable control of Bayer. The Building is structurally modified or altered otherwise changed in any way which would or may diminish the effectiveness of the Kordon as a Termite barrier. If at any time during the Warranty Period, the Owner

- (a) allows or fails to prevent accumulation of:
 - (i) wood, rubbish or timber against the Building; AND
 - (ii) finished ground level around the Building to a height which does not comply with the terms of the Installation Manual.
- (b) allows the barrier dividing the soil surface and the structure of the Building formed by the Kordon to be bridged or broken by any other matter or matter through which Termites may by-pass the Kordon and infest the Building.

Termites shall enter the Building through any manner other than by a breach of the Kordon barrier. If the Kordon is installed other than by an Accredited Bayer Installer.



Date of Installation: 15/04/2009

Installation Address: 194 Garden Street
Warriewood
NSW, 2102

Company Contact: Ray Woods
Company Name: Sherlock Pest Control

Address: PO Box 533
Moorebank
NSW, 1875

Phone Number: 02 9602 6888

Accreditation Number: N126

THIS WARRANTY SHALL BE VOID UNLESS THE KORDON HAS BEEN INSTALLED BY A BAYER ACCREDITED INSTALLER.

Bayer will grant additional specific warranty conditions where required to accommodate high density, commercial constructions, government buildings, etc on documented request.

Bayer Environmental Science



Bayer



Certificate of Compliance

This document is to certify that the Kordon TMB/TIB system was installed by a Bayer Accredited Installer and has been completed in accordance with the Manufacturer's specifications. Kordon TMB/TIB complies with AS 3660.1 - 2000, the primary referenced standard of the Building Code of Australia. Kordon TIB is only part of a termite management system for a new property. The slab must be constructed in accordance with the Standard Residential Slabs and Footings Construction AS 2870-1996.

NOTE: This document is to be attached to Warranty Document Number: 2009-6-1829

Date of Installation: 15/04/2009
Installation Address: 194 Garden Street, Warriewood, NSW, 2102

Job Type: Large Job - Miscellaneous

Builder: Total Constructions
Phone number: 02 97469555
Owner: Unknown
Phone number:
Local Council: Pittwater
Phone number: 02 99701111
Company Contact: Ray Woods
Installer's Name: Ray Woods
Company Name: Sherlock Pest Control

Product used:

Table with 3 columns: Linear Metres (m), Product Width (mm), Total SQM. Rows show 15.4m/110mm/1.69 and 29.2m/100mm/2.92.

Address: PO Box 533, Moorebank, NSW, 1875

Service Penetrations

Table with 3 columns: Service Penetration, Product Width (mm), Total SQM. Rows show Kordon Collars (0/0.00), Manual Collars (9/1.80), and Total Kordon Installed (6.41).

Phone Number: 02 9602 6888
Fax Number: 02 9602 9966
Accreditation Number: n126

Authorised Signature: [Signature] Date: 22/6/2009

Comments: The builder has been advised to maintain a 75mm or hard surface inspection zone around the building perimeter.

Kordon will only protect areas where the product is installed. Regular termite inspections as per the Australian Standard are recommended. Kordon is installed to the service penetrations and perimeter as per the manufacturers specifications. Refer to the site installation drawing for details. Areas not treated: existing house, saw-cut joints, external perimeters and external pathway.

Bayer Environmental Science



KORDON[®] TERMITE BARRIER

Site Installation Report

This document is to certify that the Kordon TMB/TB system was installed by a Bayer Accredited Installer and has been completed in accordance with the Manufacturer's specifications. Kordon TMB/TB complies with AS 3666-1:2000 the primary referenced standard of the Building Code of Australia. Kordon TB is only part of a termite management system for a new property. The slab must be constructed in accordance with the Standard Residential Slabs and Footings Construction AS 2870:1996.

NOTE: This document is to be attached to Warranty Document Number: 2009-6-1829

Date of Installation: 15/04/2009
Installation Address: 194 Garden Street
Warriewood
NSW, 2102

Job Type: Large Job - Miscellaneous

Product used:

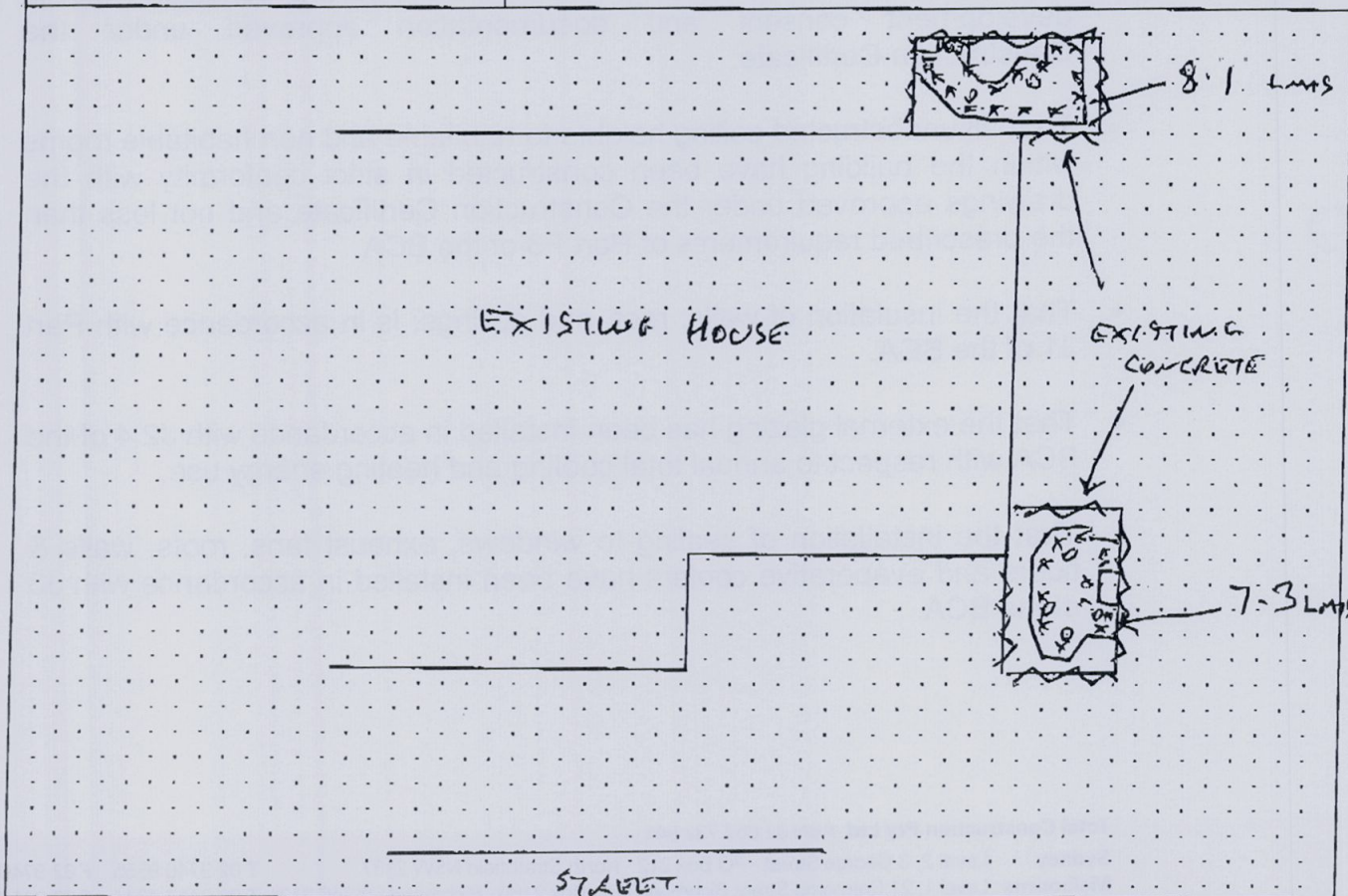
Linear Metres (m)	Product Width (mm)	Total SQM
15.4	110	1.69
29.2	100	2.92

Legend:

X	15.4 LMS JOINTS
O	9 PENETRATIONS
M	29.2 LMS POLYMER

Service Penetrations

Kordon Collars	0	0.00
Manual Collars	9	1.80
Total Kordon Installed:		6.41



TOTAL CONSTRUCTION

Concept to Completion

25/06/09

Steven Rodriguez
Blackett Maguire & Goldsmith
P.O. Box 167
Broadway NSW 2007

Received
-7 JUL 2009
Blackett Maguire + Goldsmith

RE: Certification for Seaside Nursing Home, 184 Garden Street, Warriewood

Dear Steven

Total Construction P/L certifies that the following items have been carried out in accordance with the relevant codes and standards:

- That all building works have been carried out in a workmanlike manner by appropriately licensed contractors, in accordance with the relevant codes and standards and in accordance with the relevant conditions of the development consent and documentation approved under the Construction Certificate.
- That all unobstructed ceiling heights to habitable and non habitable rooms within the building have been constructed in strict conformity with the drawings approved under the Construction Certificate and not less than the prescribed requirements of Part F3 of the BCA.
- That the insulation of walls, roof, and ceilings, is in accordance with Part J1 of the BCA.
- That the external glazing has been installed in accordance with J2.4 of the BCA with respect to annual total cooling and heating energy use.
- That the installation of sealing to windows, exhaust fans, roofs, walls & floors and evaporative coolers have been installed in accordance with J3 of the BCA.

Total Construction Pty Ltd ABN 32 067 732 941

Sydney Level 2, 3 George Street - PO Box 212 - North Strathfield NSW 2137

Melbourne Level 1, 21 Cremorne Street Richmond - PO Box 2169 - Richmond Sth VIC 3121

Adelaide 62 North Terrace - PO Box 746 - Kent Town BC SA 5071

All accounts to PO Box 212 North Strathfield NSW 2137

T 02 9746 9555 F 02 9746 9588

T 03 9417 4744 F 03 9417 7011

T 08 8363 1133 F 08 8363 6766

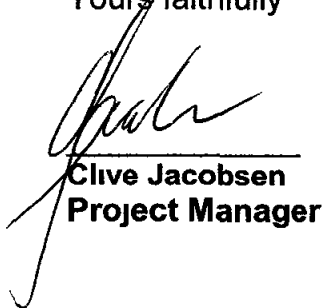
www.totalconstruction.com.au

TOTAL CONSTRUCTION

Concept to Completion

- Compliance with all relevant conditions of the Development Consent

Yours faithfully



Clive Jacobsen
Project Manager

Total Construction Pty Ltd ABN 32 067 732 941

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