

Green Star Credit Cover Sheet Round 2

Green Star - Office Interiors v1.1 Mat-2 Flooring

Points available: 5 **Points claimed:** 5 **CIR or TC Used:** N

Round 1 Assessment Comments

In order for the credit to be awarded, please verify the actual carpet type used for the project (refer comments IEQ-11).

Compliance with Credit Criteria

In order to confirm the type of carpet specified and installed in Greenhouse, we have provided a for construction specification as well as a product stewardship policy for the product. The subcontractor installation letter has been provided again showing the carpet name.

Documents Provided

- [2] For construction floor finishes specification.
- [4] Product stewardship policy.
- [6] Subcontractor installation confirmation letter.
- [7] Round 1 Submission is provided in its entirety.

Discussion

We trust that as the specification, subcontractor installation confirmation letter, and product stewardship policy all state the name of the carpet, this should be sufficient to confirm that the carpet supplied is the same as the carpet tested. We note that the GECA certificate nominated InterfaceFLOR GlasBac carpet is contained in the Round 1 submission (on page 14 of this pdf).

Sample size:

- Tiles: 4 x tile size.

Edge strip: Submit a 300mm length of each type.

- Bonding adhesive.

2 PRODUCTS

2.1 MARKING

Identification

General: Deliver materials to the site and report to the site foreman for verification of compliance – including all relevant glues and sealants - in the manufacturer’s original sealed containers legibly marked to show the following:

- Manufacturer’s identification.
- Product brand name.
- Product type.
- Dimensions and quantity.
- Product reference code and batch number.
- Date of manufacture.
- Material composition and characteristics such as volatility, flash point, light fastness, colour and pattern.
- Handling and installation instructions.

2.2 CARPET

Tolerances

Standard: To AS 1385.

Batching

General: Carpet laid in a single area and of a single specified type, quality, colour and design, must come from one manufacturing batch and dye lot.

Insect resistance

Insecticide: Provide carpets and underlays composed entirely of materials either inherently resistant to insect attack, or treated against insect attack, including by moth and carpet beetle, by application of insecticide to the yarn during the dyeing or scouring process.

2.3 CARPET TILES

Carpet tiles

Type: ‘Non-stick’, non-curling tiles capable of being taken up without damage and then relaid in different positions.

Marking: On the back, showing recommended direction of laying.

Carpet tile tolerances:

- Edge dimensions: ± 2 mm.
- Squareness: Maximum difference of 2 mm between lengths of diagonals.

Carpet Tile Schedule

	Location	Carpet Tile Type	Colour	Tile size (mm)	Trim	Contact
CP01	As shown on Floor finishes Plan A-U-01	Interface Flor “Solid Foundations” Backing Glasbac – no PVC content	Raisin	500x500	Black diminishing strip where carpet tiles meet exposed concrete	

	Location	Carpet Tile Type	Colour	Tile size (mm)	Trim	Contact
CP02	As shown on Floor finishes Plan A-U-01 (Note: the pattern indicated uses full tiles laid within the carpet grid – no cutting required)	Interface Flor "Solid Foundations" Backing Glasbac – no PVC content	Lime Green	500x500		
CP03	As shown on Floor finishes Plan A-U-01	Interface Flor "Solid Foundations" Backing Glasbac – no PVC content	Tangerine	500x500		

2.4 ADHESIVES AND TAPES

Standard

General: To AS/NZS 2455.1.

Adhesives

General: Compatible with the floor covering material, and suitable for bonding it to the subfloor. Refer Volatile Organic Compound requirements.

Carpet Tile Fixing Schedule

	Location	Fixing Type	Contact
	Throughout all areas of carpet tile installation	Interface Flor "Tactiles"	

Friction compound: Suitable for holding tiles in position without permanent sticking.

3 EXECUTION

3.1 SUBSTRATE

Substrates

General: Ensure substrates conform to the **Substrate tolerance table** and are as follows:

- To AS/NZS 2455.1 or AS/NZS 2455.2, as appropriate.
- Clean and free of any deposit or finish which may impair adhesion or location and functioning of movement joints.

Substrate tolerance table

Property	Length of straight edge laid in any direction	Max. deviation under the straight edge
Flatness	3 m	6 mm
Smoothness	150 mm	1 mm

Concrete substrate correction: Remove projections and fill voids and hollows with a levelling compound compatible with the adhesive.

- Concrete: The moisture content of the concrete has been tested to AS/NZS 2455.1 Appendix B and values obtained as follows:
 - . ≤ 5.5% when tested by the electrical resistance method.
 - . ≤ 70% when tested by the surface hygrometer test.

WARRANTY - ReEntry Program

INTERFACE AUST. HOLDINGS PTY LTD (INTERFACE)

Interface is committed to delivering sustainable solutions to the supply and installation of modular carpet. The ReEntry program aims to bring the most sustainable and cost effective solution to keep vinyl backed carpet tile products out of the landfill, while reducing the impact on the environment. Using new technology, the vinyl backings are separated from the nylon fibres of used Interface GlasBac® & GlasBac® RE modules and any of our competitors vinyl backed carpet tiles (subject to minimum quality standards). The vinyl is then ground and pulverized and recycled to make backing for new GlasBac® RE carpet tile while the nylon is redirected for other uses.

In this Warranty, the bolded terms shall have the meanings set out in the Schedule.

This Warranty is for the benefit of the **Owner** and for any subsequent owner of the **Property** during the **Term** and all references to the **Owner** shall be deemed to include reference to such subsequent owner.

Subject to the terms and conditions set out below, Interface warrants that during the **Term**, it will reclaim the **Prescribed Amount** of **Carpet Tile** located at the **Property** for the **Fee** and will reprocess the **Carpet Tile** into backing materials for new GlasBac® RE modules:

1. The **Owner** shall be responsible for and meet all charges in respect of:
 - (a) The uptake of the **Carpet Tile** and all associated furniture relocation and computer relocation;
 - (b) Sorting the **Carpet Tile**;
 - (c) Packing the **Carpet Tile** on pallets and movement of the **Carpet Tile** to the loading dock.
2. To exercise your rights under this Warranty, the **Owner** must:
 - (a) contact Interface at least 14 days prior to the date required for reclamation of the **Carpet Tile**;
 - (b) remove the **Carpet Tile**, pack the **Carpet Tile** onto pallets and deliver to the loading dock located on or near the **Property**; and
 - (c) pay the **Fee** to Interface [in accordance with Interface's usual payment terms].
3. Interface does not make any other warranties or representations whatsoever relating to the **Carpet Tile**, the timing of the reprocessing of the **Carpet Tile** into backing materials of new GlasBac® RE modules or the condition or quality of the new GlasBac® RE modules.
4. Any subsequent owner of the **Property** should notify Interface of their newly acquired ownership of the **Property**.
5. This Warranty shall not apply where, in the reasonable discretion of Interface:
 - (a) the **Carpet Tile** is heavily soiled or damaged;
 - (b) the **Carpet Tile** is partly or wholly burnt or in any other way transformed other than by normal wear and tear;
 - (c) the **Carpet Tile** is subject to plasticiser migration;
 - (d) the **Carpet Tile** consists of only part tiles;

- (e) the **Carpet Tile** is System Six® performance broadloom floorcovering;
 - (f) the **Carpet Tile** is removed from the **Property** other than pursuant to this Warranty; or
 - (g) Interface ceases to produce GlasBac® RE modules.
6. A copy of this Warranty will be forwarded to the **Architect/ Interior Designer** and **Tenant**, for their information.

Schedule

Architect/ Interior Designer	Trudy Ann King
Carpet Tile	Interface GlasBac®
Fee	NIL
Owner	G.P.T Property Group
Prescribed Amount	770m2
Property	Level 15, 179 Elizabeth St., Sydney NSW 2000
Tenant	Green Building Council of Australia
Term	15 years from the date of this Warranty

SIGNED for and on behalf of
**INTERFACE AUST. HOLDINGS
 PTY LTD**

.....


 Clinton Squires
 General Manager

Date: 17th April 2008.

FUTURE FLOOR SERVICES
UNIT 7/47-51 LORRAINE ST PEAKHURST
SYDNEY NSW
AUSTRALIA



28/2/2008

SCHIAVELLO PTY LTD

ATTENTION:
RE:

ADAM TERILL
GBCA
LEVEL 15 179 ELIZABETH ST

DEAR SIR,

~~THIS LETTER IS TO CONFIRM THAT THE~~ SPECIFIED CARPET TILES
'INTERFACE' SOLID FOUNDATIONS HAVE BEEN SUPPLIED AND
INSTALLED TO THE MANUFACTURES RECCOMENDATIONS AND
SPECIFIC INSTRUCTIONS WITH PARTICULAR EMPHASIS ON THE
'TACTILE' METHOD OF INSTALLATION.

AS SPECIFIED THERE WERE NO OTHER ADHESIVES USED IN THE
INSTALLATION.

ALL MATERILAS LAID WERE AS PER THE COLOUR & DESIGN
SPCIFICATION AS SET OUT BY THE CLIENT AND INTERFACE.

REGARDS
FUTURE FLOOR SERVICES NSW


MARC KELLY

Green Star – Office Interiors v1.1

Materials

Mat-2 Flooring

Points Available	Points Claimed	CIR Submitted
5	5	N

Credit Criteria

Up to five points are awarded where it is demonstrated that the flooring used in the tenancy fitout has a reduced environmental impact as determined by the Mat-2 Flooring Calculator. Maximum points can only be obtained if information about all the flooring in the tenancy fitout is provided.

Documents Provided

✓	A copy of the completed Mat-2 Flooring Calculator, Materials Calculators Output Sheet, and Floor Finishes as-built plan Mat-2: 1
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Environmentally Innovative – InterfaceFLOR – carpet tile

✓	Information from the Flooring supplier(s) quantifying all Flooring supplied. Mat-2: 2
✓	A copy of the Australian Environmental Labelling Association (AELA) certificate from Good Environmental Choice Australia (as per Technical Clarification). Mat-2: 3
✓	Information from the sub-contractor confirming that the Flooring supplied was installed in the tenancy fitout. Mat-2: 4

Exposed concrete – Agar Cleaning – Sealed existing concrete floor

✓	Information from the Flooring supplier(s) quantifying all Flooring supplied. Mat-2: 2
✓	Information from the sub-contractor confirming that the Flooring supplied was installed in the tenancy fitout. Mat-2: 4

Discussion

Carpet tile by InterfaceFLOR is a GECA certified product. Exposed concrete is sealed with Mastertop P-15 and Agar Cleaning First Base and Super Nova concrete sealer.

Flooring types and areas covered. This is demonstrated on the floor finishes as-built plan shown on page 4 of the pdf.

Environmentally Innovative	InterfaceFLOR	Carpet Tile	664
Exposed Concrete	Agar Cleaning	Sealed Existing Concrete Floor	140

Green Star - Office Interiors v1.1

Tenancy Fitout:

Mat-2 Flooring Calculator

Total Floor Area within the Fitout:

804 m²

Points Awarded for this Credit

5

No.	Type of Flooring	Name of Flooring Supplier	Brief Description of Flooring	Area of Flooring (m ²)	Resource Utilisation		Management						Reusability		Product Score (%)	
					Eco Preferred Content	Durability	EMS?	EMS ISO 14001 Certified?	EMS Includes?				Product Stewardship	Modular		Designed for Disassembly
									Waste Minimisation	Energy	Emissions	Materials Minimisation				
1	Environmentally Innovative	InterfaceFLOOR	Carpet Tile	664												100
2	Exposed Concrete	Agar Cleaning	Sealed Existing Concrete Floor	140												100
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Notes:

Flooring is assessed across three environmental impact categories, as follows:

- 'Resource Utilisation' which assesses the flooring's:
 - Eco Preferred Content (EC); and
 - Durability (DU).
- 'Management' which assesses:
 - the flooring manufacturer's Environmental Management System (EMS); and
 - Product Stewardship (PS).
- 'Reusability' which assesses whether the flooring is:
 - Modular (MO); and/or
 - Designed for Disassembly (DD).

Each of the environmental impact categories are weighted equally:

Total Score = EC + DU + EMS + PS + MO + DD.

Maximum Score = 10 + 10 + 10 + 10 + 10 + 10

The number of points determined by the Mat-2 Flooring Calculator is based on a total score out of 60 for each flooring type and then weighted according to the area of that flooring type as a fraction of total floor space.

The final score is provided in the Materials Calculators Output Sheet.

Green Star - Office Interiors v1.1

Tenancy Fitout:

Materials Calculators Output Sheet

Points Allocation Summary

	Workstations	Floor Coverings	Walls and Partitions	Chairs	Tables	Storage Units	Joinery	Total
Maximum No. Points Available	7	5	3	3	1	1	1	21
Available Points*	7	5	3	3	1	1	1	21
Points Awarded**	6	5	3	3	1	1	1	20

*(based on fraction of items specified in the data input sheet compared to total specified within the fitout).

Workstations

Amount	
Total within Fitout	55
Total from Data Input Sheet	55
Reused	12
Fixed	0
Loose	43
Environmentally Innovative	0

Floor Coverings

Amount	
Total within Fitout	804 m ²
Total from Data Input Sheet	804 m ²
Reused	0 m ²
Exposed Concrete	140 m ²
Carpet	0 m ²
Timber	0 m ²
Resilient	0 m ²
Ceramic/Stone	0 m ²
Other	0 m ²
Environmentally Innovative	664 m ²

Walls and Partitions

Amount	
Total within Fitout	45 m
Total from Data Input Sheet	45 m
Reused	0 m
New	45 m
Environmentally Innovative	0

Chairs

Amount	
Total within Fitout	148
Total from Data Input Sheet	148
Reused	44
Task	0
Meeting Room	0
Breakout Space	0
Other	0
Environmentally Innovative	104

Tables

Amount	
Total within Fitout	21
Total from Data Input Sheet	21
Composite Wood	18
Environmentally Innovative	0
Glass	0
Metal	0
Plastic	0
Reused	3
Timber	0

Storage Units

Amount	
Total within Fitout	17
Total from Data Input Sheet	17
Reused	0
Compactus	0
Composite Wood	0
Timber	0
Metal	0
Other	0
Environmentally Innovative	17

Joinery

Amount	
Total within Fitout	35.4 m
Total from Data Input Sheet	35 m
New	35 m
Reused	0 m
Environmentally Innovative	0 m

Notes:

* Points Available = number of items specified in the data input sheet x total items specified within the fitout

** Points Awarded = Sum of the Weighted Score x Points Available.

** Weighted Score = product score x (no of items/total items specified in the data input sheet).



BlighVollerNieldArchitecture

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Facsimile +61 3 9639 9188
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LIMITED BVN'S WRITTEN CONSENT, RELEASED AND INDOSIGNED BY BVN FROM
AND AGAINST ALL LOSS AND DAMAGE.

ISSUE	DATE	FOR
01	11.10.07	INFORMATION
02	05.11.07	EXTENT OF CARPET CHANGED
A	08.11.07	FOR CONSTRUCTION

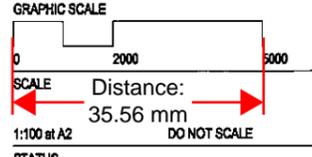
CONSULTANT
DAVIS LANGDON
tel 02 9956 8822 fax 02 9956 8848

CONSULTANT
LINCOLNE SCOTT
tel 02 8907 0900 fax 02 9957 4127

CLIENT
GBCA
L15, 179 ELIZABETH STREET
SYDNEY NSW 2000
CLIENT PROJECT No.

PROJECT
**GREEN BUILDING COUNCIL
OF AUSTRALIA**
BVN PROJECT NUMBER

M0709010
TRUE NORTH PROJECT NORTH

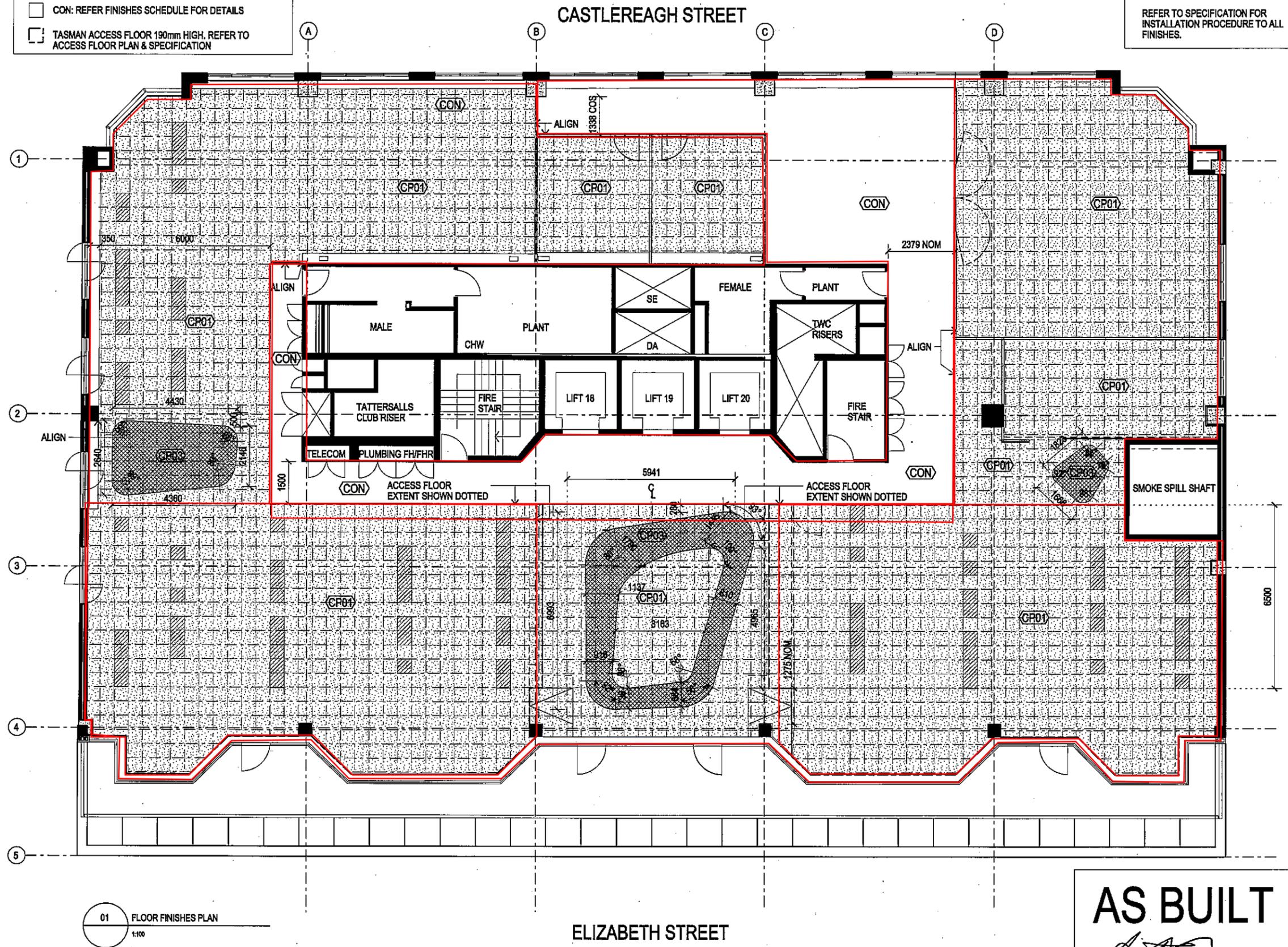


STATUS
FOR CONSTRUCTION
DRAWING

FLOOR FINISHES PLAN
DRAWING NUMBER ISSUE
A-U-01 A

- FINISHES LEGEND**
- CP01: REFER FINISHES SCHEDULE FOR DETAILS
 - CP02: REFER FINISHES SCHEDULE FOR DETAILS. NOTE: CP02 IS FULL TILES WORKING WITHIN CARPET GRID.
 - CP03: REFER FINISHES SCHEDULE FOR DETAILS
 - CON: REFER FINISHES SCHEDULE FOR DETAILS
 - TASMAN ACCESS FLOOR 190mm HIGH. REFER TO ACCESS FLOOR PLAN & SPECIFICATION

- FINISHES NOTES:**
- JUNCTION OF CONCRETE & CARPET TILE WHERE EXPOSED TO BE FINISHED WITH BLACK DIMINISHING STRIP.
 - REFER TO SPECIFICATION FOR FINISHES DESCRIPTION AND SPECIFICATION.
 - REFER TO SPECIFICATION FOR INSTALLATION PROCEDURE TO ALL FINISHES.



01 FLOOR FINISHES PLAN
1:100

AS BUILT

ELIZABETH STREET

Mat-2: 2

Consignment Note

Border Express Pty Ltd

Telephone:

ABN:

CN #: BE70042719				CN Date: 14/12/2007 Receiver's Copy	
From: Interface Aust Pty Ltd 14 Henry Street Picton, NSW 2571			To: FUTURE FLOOR SERVICE PEAKHURST UNIT 7 / 47-51 LORRAINE ST MUST RING PRIOR TO DEL Peakhurst, NSW 2210		
Contact: <input type="text"/>			Contact: MARC <input type="text"/>		
Phone: 0246778800 <input type="text"/>		Ref: <input type="text"/>		Phone: 0418864346 <input type="text"/>	
Freight Payable By: <input type="text" value="Interface Aust Pty Ltd"/>		Mode: <input type="radio"/> General <input checked="" type="radio"/> Express		Chep <input type="text" value="0"/> Loscam <input type="text" value="0"/>	
Comments: NO DEL B4 12 NOON PLZ RING B4 DEL		Dangerous Goods UN #: <input type="text"/>		Receiver Rcvd <input type="text"/> <input type="text"/>	
		Class Emerg Code: <input type="text"/>		Receiver Disp: <input type="text"/> <input type="text"/>	
				<input type="checkbox"/> Pallets Transferred Direct	
Ref	# Units	Description	Weight	Cubic	
1103443	5	Pallet	3366.000 kg	5 @ 1.1 x 1.1 x 1.35 = 8.168 m3 = 2720 kg	
Total Units: <input type="text" value="5"/>		Total Weight: <input type="text" value="3366.000"/>		Total Cubic: <input type="text" value="8.168"/>	



NEW SOUTH WALES
QUEENSLAND
VICTORIA
SOUTH AUSTRALIA
WESTERN AUSTRALIA

11 Wilson Pk, Seven Hills 2147
791 Captain Cook East, Eagle Farm 4009
7 Kilsman Terrace, Gladstone 4746
3 Duncan Road, Dry Creek 3743
17 Ventnor St, Newdale 6101

Tel: (02) 681 1200 Fax: (02) 681 1299
Tel: (07) 333 9998 Fax: (07) 333 2001
Tel: (03) 950 7300 Fax: (03) 950 7399
Tel: (08) 813 7500 Fax: (08) 813 7599
Tel: (08) 933 2600 Fax: (04) 938 2613

**BASF Construction
Chemicals Australia Pty Ltd**
Incorporated in N.S.W. A.B.N. 48 000 450 288

FLOOR LEVELLING SPECIALISTS
1714 ADDERLEY ST WEST
ADELIDE
2144

DELIVERY TO:
FLOOR LEVELLING SPECIALISTS
135 CASTLEREACH ST
SYDNEY
AUSTRALIA

PICKING SLIP / DELIVERY DOCKET

Delivery Order No: 04701260
Sales Order No: 04001263
Customer PO: 10245
Delivery Date: 28/01/2008
Customer PO No: PETE STUART

1 PLT
1.5 T

IN CODE	DESCRIPTION	WBS	BATCH	LOCATION	QTY ORDERED	QTY DELIVERED
1201000042	MASTERTOP P-15 BAG 20KG DEL REQUIRED TUESDAY 29/01/08. 8.00AM PLEASE. PETE 0437 398 822	2000		2147	72,000 BG	72,000 BG

TULS 6MM
RECEIVED 30/05/08
[Signature]

RECEIVING DETAILS		
DATE DISPATCHED	CUSTOMERS NAME & SIGNATURE	CARRIERS DETAILS & SIGNATURE
	<i>[Signature]</i>	<i>[Signature]</i>

Please Note: Customer MUST sign manually corrected delivery quantity.



Good Environmental Choice Australia

“ A commitment to credible product information
for sustainable development ”

THE AUSTRALIAN ECOLABEL PROGRAM

LICENCE NO: INT-2006

ISSUED TO:

InterfaceFLOR

PRODUCT NAME:

Graphlar™

GlasBac®

GlasBac® RE

CushionBac

System Six®

STANDARD:

Commercial Modular Tile Carpet

SITE ADDRESS:

4 Henry Street, Picton NSW 2571

Re-certification Date:

23 June 2009

Petar Johnson

Chairman

Good Environmental Choice Australia Ltd

FUTURE FLOOR SERVICES
UNIT 7/47-51 LORRAINE ST PEAKHURST
SYDNEY NSW
AUSTRALIA
Phone: 02 9584 3723 Fax: 02 9584 3724
ABN: 640 704 01106
Email: chris@futurefloors.com.au

28/2/2008

SCHIAVELLO PTY LTD

ATTENTION:
RE:

ADAM TERILL
GBCA
LEVEL 15 179 ELIZABETH ST

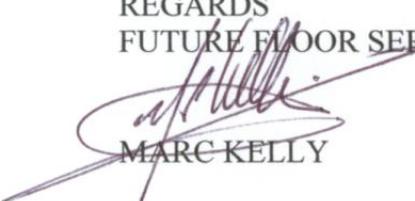
DEAR SIR,

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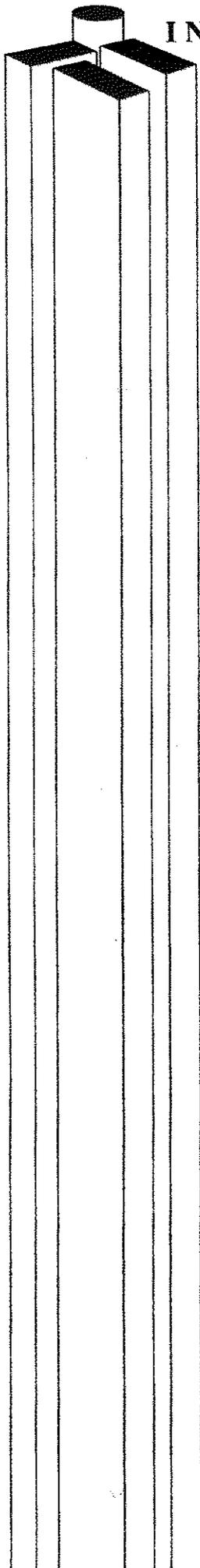
AS SPECIFIED THERE WERE NO OTHER ADHESIVES USED IN THE INSTALLATION.

ALL MATERILAS LAID WERE AS PER THE COLOUR & DESIGN SPCIFICATION AS SET OUT BY THE CLIENT AND INTERFACE.

REGARDS
FUTURE FLOOR SERVICES NSW



MARC KELLY



INTERIORS

FACSIMILE

Mat-2: 4

TO: Green Building Council Australia

ATTENTION: Joe Karten / Adam Terrill

FAX NO: (02) 8252 8223 (03) 9674 1666

FROM: Ray Allan

DATE: 12.06.08

PAGES (including this page) 3

SUBJECT: Letters as requested

Joe,

Please find attached copies of letter for Floor Treatments and Insulation as requested.
 Should you have any further queries in regards to the above matter please do not hesitate to contact the under signed

Regards

RAY ALLAN
 Site Manager
 Mobile: 0407 906 839
 e-mail: ray@totalimage.com.au



Job Reference Number: #07666

Total Image Interiors Pty Ltd
abr: 91 125 277 689

11th June 2008

Green Building Council of Australia
Level 15
179 Elizabeth Street
SYDNEY NSW 2000

PO Box 6466
South Sydney BC
Alexandria NSW 2015
Ph: (02) 9700 7122
Fax: (02) 9700 7433
www.totalimage.com.au

Attention: Joe Kanten

Dear Joe

This letter confirms that Total Image Interiors sealed the exposed concrete floors using Mastertop levelling compounds, Agar First Base and Agar Supernova in January 2008.

Feel free to contact me with any questions you may have.

Yours sincerely

A handwritten signature in black ink, appearing to read "Ray Allan".

RAY ALLAN
Site Manager