

EVO HERF®

EVO HIGH END RESILIENT FLOORING



EVORICH®





About **EVO HERF®**

Evo High End Resilient Flooring (Evo HERF®) is an eco-friendly vinyl flooring material created by EVORICH. It is a strong substitute to conventional laminate and parquet flooring due to its waterproof and termite-proof properties. Aesthetically appealing coupled with high performance ability makes Evo HERF a popular choice in Singapore and Asia Pacific Regions.



What is **Evo High End Resilient Floor?**

Evo High End Resilient Flooring (Evo HERF) is pure virgin vinyl flooring which has gained popularity especially over the years eco-conscious consumers. Best suited flooring for residential and commercial establishments like schools, restaurants and hotels. It has multiple environmental health and benefits compared to conventional vinyl flooring.

EVO HERF® *Benefits*



High Scratch Resistance

Highly scratch resistant - homeowners do not need to worry about furniture shifting or their pets scratching the floor.



High Slip Resistance

Evo HERF is suitable and safe for children and elderly at home because it has high slip resistance which also reduces risk of accidents.



Cost-Saving

Being easy to maintain and being recyclable, Evo HERF is cost-efficient flooring option.



Recyclable/Transferrable

Evo HERF can easily be transferred to a new location in case homeowners need to change address.



Termite Proof

Evo HERF looks like wood and feels like wood but with absolutely NO wood content.



Easy to Clean and Maintain

Evo HERF can be cleaned and maintained with a simple sweep & mop, saving you time and maintenance cost.



Easy to Install

Evo HERF does not require glue and can be overlaid on existing floor using CLIC Locking System without any hacking required.



100% Waterproof

Evo HERF is suitable for frequently high moisture areas such as kitchen, dining and living areas.

Singapore Media



STYLE: LIVING MAGAZINE

September 2013 issue; Evorich Flooring (Evo HERF) was featured easy maintenance flooring



SQUAREROOMS MAGAZINE

Aug 2011, Nov 2011, Feb 2012, May 2012, Nov 2012 & May 2013 issue; Evorich Flooring (Evo HERF) was featured as eco friendly flooring & also the annual issue of Ideal Home 2014.



HOME & DECOR MAGAZINE

October 2013 issue; Evorich Flooring (Evo HERF) was featured on pet friendly flooring.



IDEAL HOME

Vol. 6 on Evo HERF



LOOKBOX LIVING

Lookbox Living #23 Issue on Decking editorial #27 issue on Evo HERF.



PETS MAGAZINE

Nov 12, Feb 13 and Apr 13 issue; Evorich Flooring was featured on giving advice on pet friendly flooring.

TV Shows Floored with **Evo HERF**[®]



Mediacorp Channel 8:
PEACE & PROSPERITY
(CHINESE: 富贵平安)



Mediacorp Channel 8:
PLEASE BE MY GUEST



Mediacorp Channel 5:
TANGLIN

Residential

Evo High End Resilient Flooring is a new type of flooring recently introduced into the flooring Singapore market; it is an improved version of flooring to laminate, wooden flooring.

It is also known as “waterproof laminate flooring” by some interior designers and contractors in Singapore. It stands as a strong substitute to conventional laminate and parquet flooring due to its absolute waterproof and termite-free properties. True to its name, Evo HERF makes a standard room interior looks high-end with its easy installation process and a variety of 12 design choices.



**Evo HERF in
Amsterdam Light Tan**



**Evo HERF in
Hazelnut**



**Evo HERF in
Pearl Oak**



**Evo HERF in
Kentucky Oak**



**Evo HERF in
Markham Oak Medium**



Amsterdam Eggshell
at Yishun Riverwalk



- ✓ Eco-Friendly
- ✓ Highly Scratch Resistant
- ✓ 100% Waterproof
- ✓ Lifetime Warranty



A strong feature about Evo High End Resilient Flooring is that it can be reused over and over again. Say you installed it in your home, after 5 years, you want to move house; and in fact, you can actually “bring” your existing high end flooring along to your new home. What it means to you, that the investment on high end resilient flooring is worthwhile as it can be recycled and therefore save you tons of money in the long run.

Evo High End Resilient Flooring comes with a **15-year light commercial** and **lifetime residential limited warranty**. Installation is very easy as you require no underlay or expertise doing it. All you need is a ruler and pen knife to do the installation.



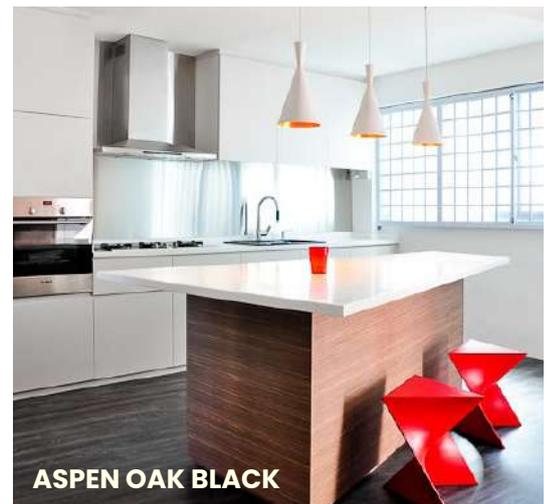
MARKHAM OAK LIGHT



AMSTERDAM LIGHT TAN



SCANDIC SNOW WASH



ASPEN OAK BLACK

Evo HERF[®]
for Kitchen



Markham Oak Medium



Evo HERF[®] *for Living Room*



MARKHAM OAK MEDIUM



ASPEN OAK BLACK



AMSTERDAM LIGHT TAN



PEARL OAK

Evo HERF[®] *for Bedroom*



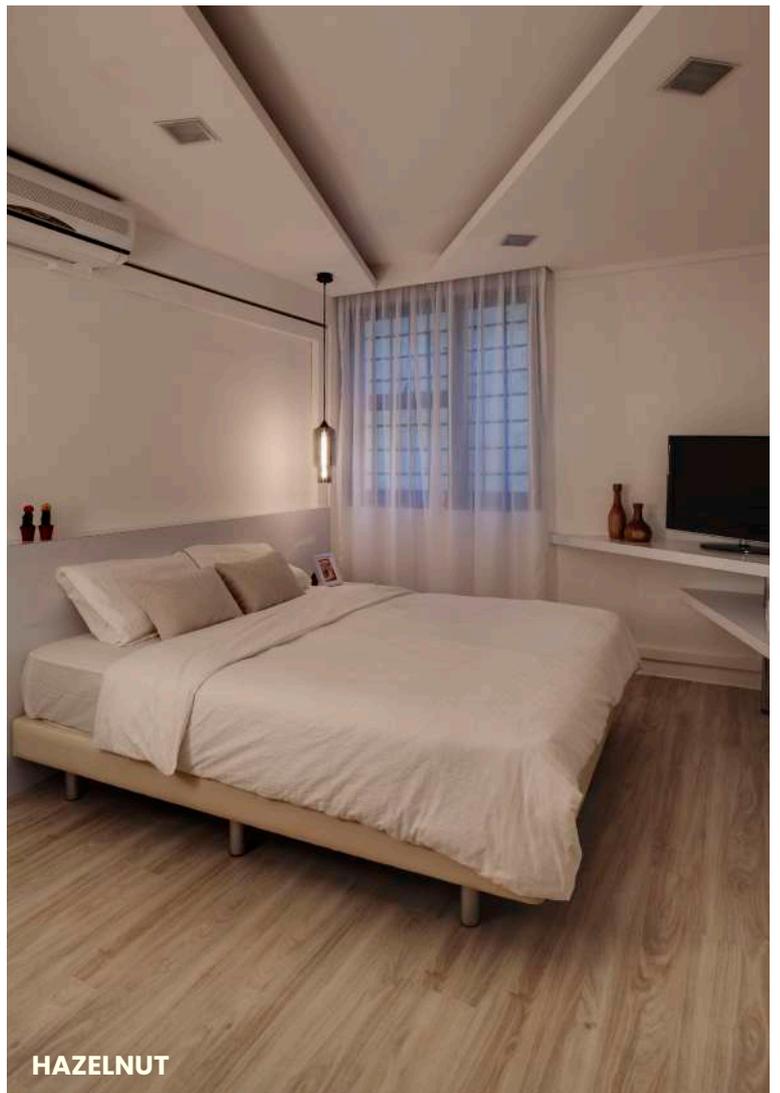
AMSTERDAM LIGHT TAN



AMSTERDAM EGGSHELL

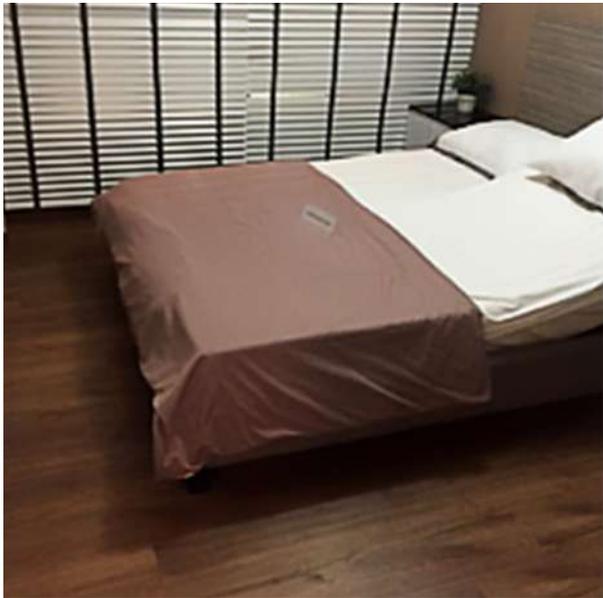


MARKHAM OAK LIGHT



HAZELNUT







**HOUSING &
DEVELOPMENT
BOARD**

EVORICH® Projects



Markham Oak Medium
St George Tower
Kallang Whampoa



Markham Oak Medium
Kampung Admiralty



Markham Oak Light
East Creek Canberra
@ Sembawang



Markham Oak Medium
Senja Heights



Markham Oak Light
Senja Ridges



Markham Oak Medium
Senja Valley



Markham Oak Medium
Woodlands Spring



Hazel Grove
Blk 64 to 66 Commonwealth
Drive, SERS Project



Greenwich Tan
Tengah Plantation C4



Greenwich Tan
Punggol Northshore Edge



Hazel Grove
Tampines GreenJade



Pearl Oak
Woodland,
Champions Green



Building and Construction Authority
Registered Contractor



FLA
awards 2015
PROMISING FRANCHISOR
OF THE YEAR
WINNER



Evo High End Resilient Flooring

Project References

Project: PCF Kindergartens and Childcare Centres in Singapore

Flooring: Evo HERF Area: More than 4650 sqm

Status: Completed 11 units to date

- 98 Joo Chiat Road #02-01 / 02-02 Singapore 427633
- 405 Joo Chiat Road Singapore 427633
- Punggol Community Centre #02-04
- 31 Balam Road Singapore 370031
- 104 Pemimpin Place, Coral Park Singapore 576101
- Blk 233 Simei St., #01-148 Singapore 520233
- Blk 545 Bedok North Street 3 Singapore 460545
- 125 Serangoon North Ave 1 Singapore 550125
- Blk 216 Pasir Ris Street 21 Singapore 510216
- Blk 465 Jurong West Street 41 Singapore 640465
- Blk 823 Jurong West, #B1-462 Singapore 640823

Nurseries, Schools and Childcare Centres



PLAYROOM



BABY CHANGING ROOM @ IMM

Evo High End Resilient Flooring is **recommended** for nurseries, kindergartens, playrooms, schools and childcares because the product is certified to have very low in formaldehyde emission (E1 EN standard); required no glue during installation; very easy to clean and maintain due to its 100% waterproof feature.



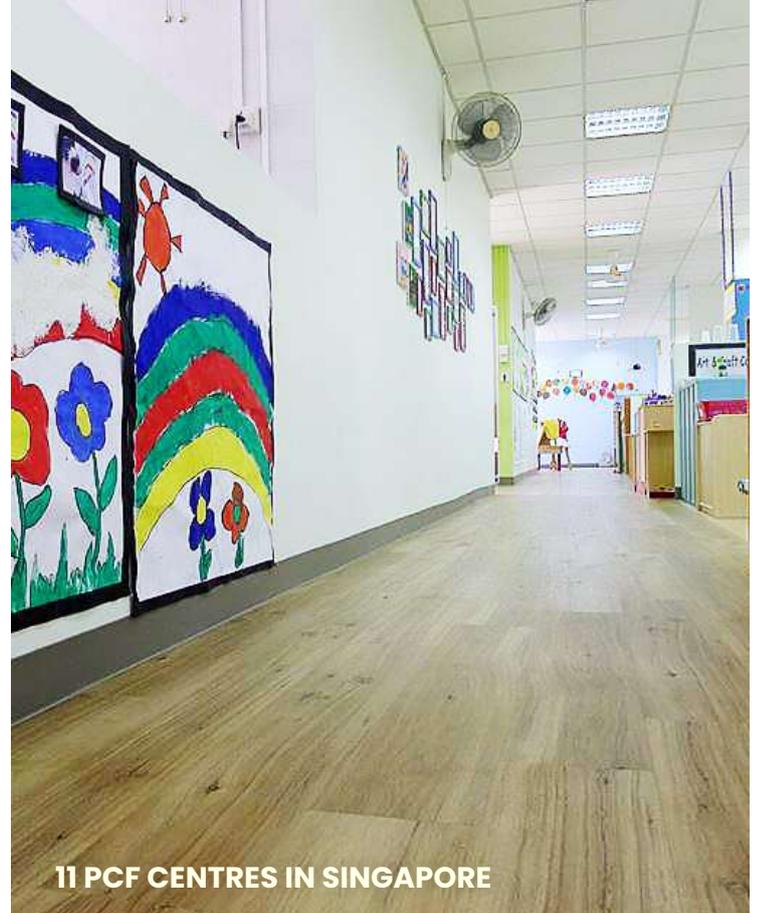
**MARKHAM OAK MEDIUM
PLAYNATION. SCAPE BRANCH**



**CHILDCARE CENTRE,
ONE PEMINPIN**



HEGURU EDUCATION CENTRE



11 PCF CENTRES IN SINGAPORE



MY GYM, WEST GATE



THE BLUE HOUSE NURSERY, TURF CLUB ROAD



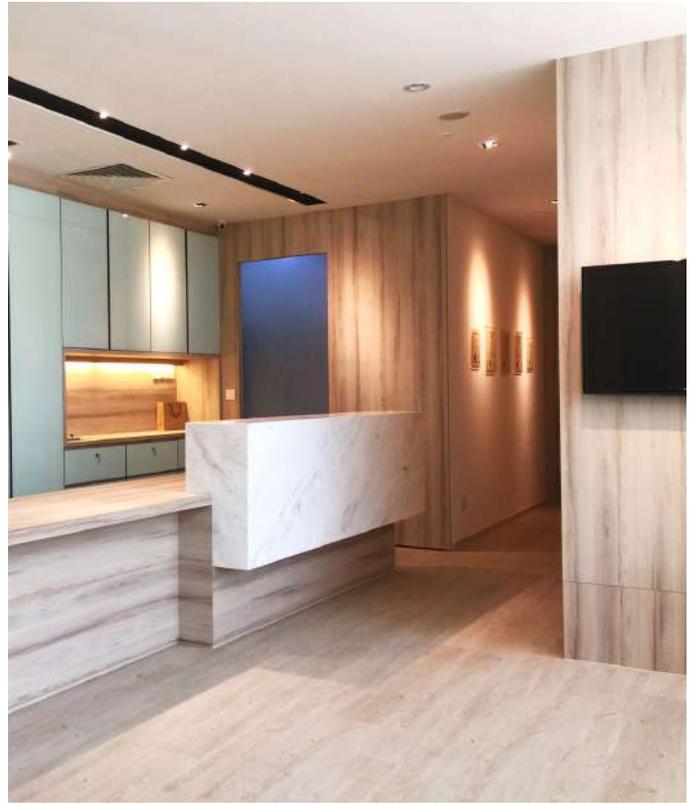
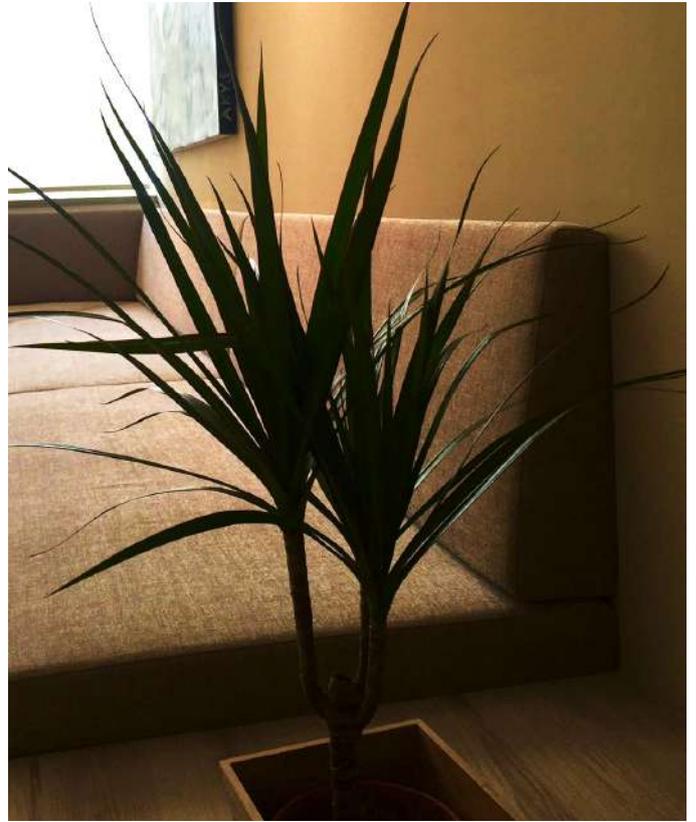
THE BLUE HOUSE NURSERY, TURF CLUB ROAD

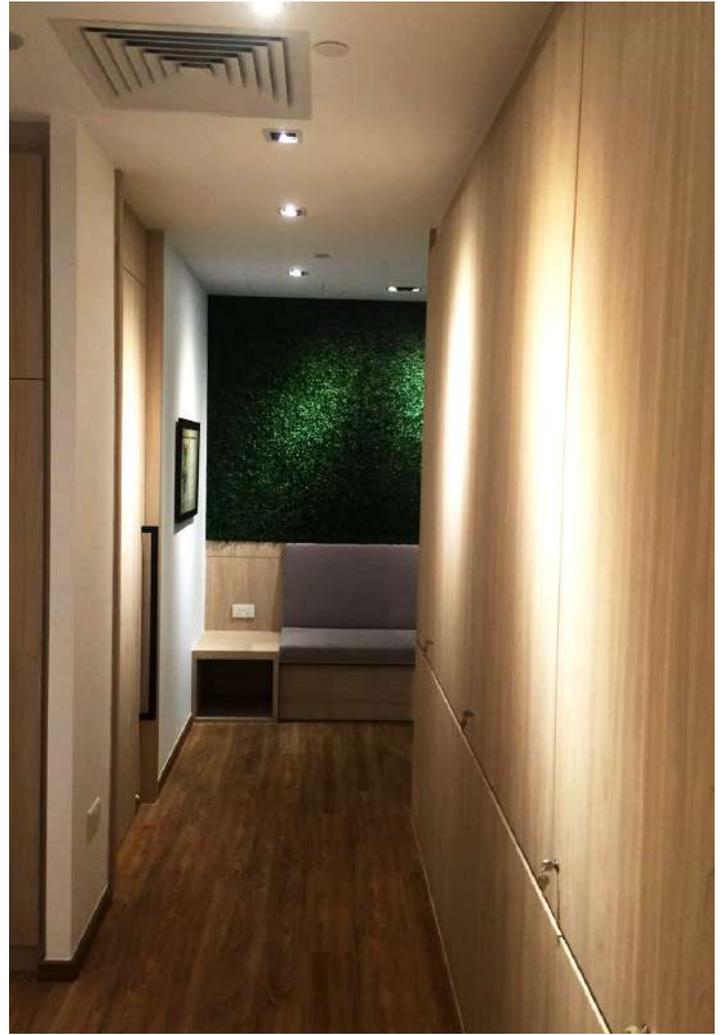


Amsterdam Eggshell
at Mount Elizabeth Novena Specialist Centre

38 Irrawaddy Road #10 - 30 Mount Elizabeth
Novena Specialist Centre Singapore 329563

Hospitals and Clinics







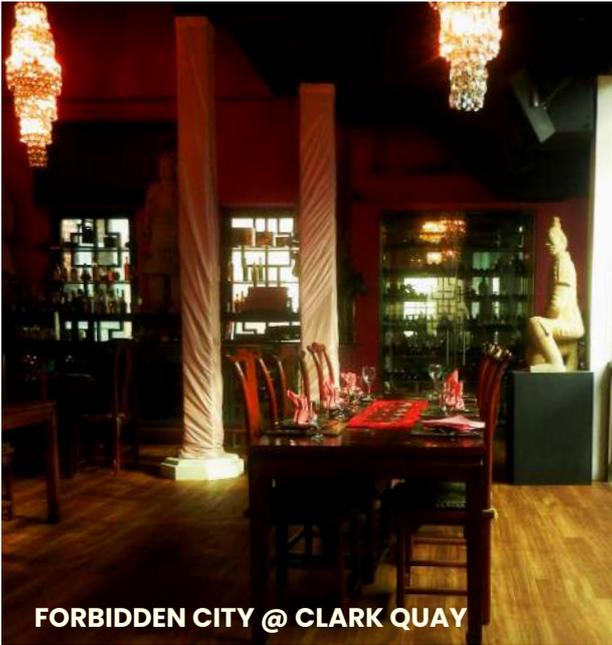
Hazelnut

at SOG – SC Hong

Clinic for Women | Mount Alverina Hospital

820 Thomson Road #07-62 Mount Alvernia Medical Centre

Singapore 674623



FORBIDDEN CITY @ CLARK QUAY

Restaurants, Cafes, Lounge and Wine Bars

The 100% waterproof feature for Evo High End Resilient Flooring (Evo HERF) makes it one of the popular flooring options for restaurants, cafes, lounges and wine bars.

Restaurateurs can enjoy the luxury of wood or marble-like flooring and thereby giving the guest experience, that feeling of exquisiteness.



NEKO NO NIWA CAT CAFE



XING HUA LOU



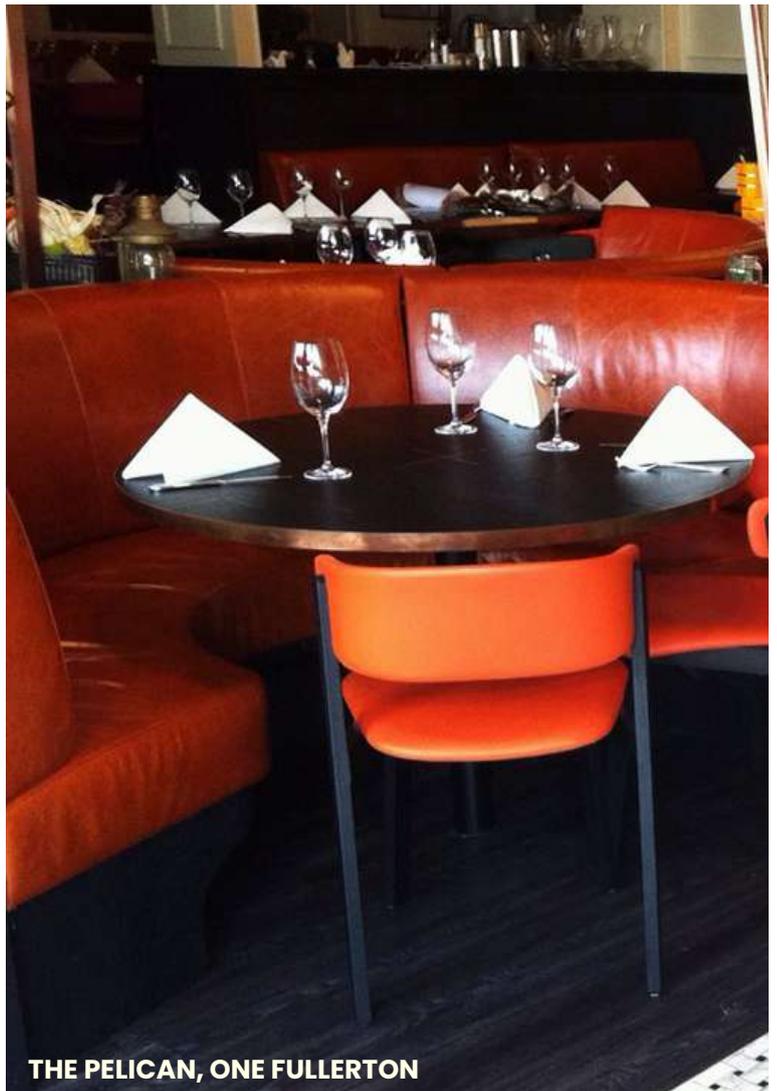
MIYABI JAPANESE RESTAURANT



IBAKE PRIMA DELI



COVELLI



THE PELICAN, ONE FULLERTON



Gym, Studios and Sports Recreation Areas

Evo High End Resilient Flooring, being 100% waterproof and stain resistant is very suitable for gyms, studios and sports recreation areas as sweat stains and smell can be very much minimized.

Evo HERF has good impact resistance and slip resistance which enhances safety as well.



FITNESS ONE GYM @ KL



PILATIQUE PILATES STUDIO (SINGAPORE)

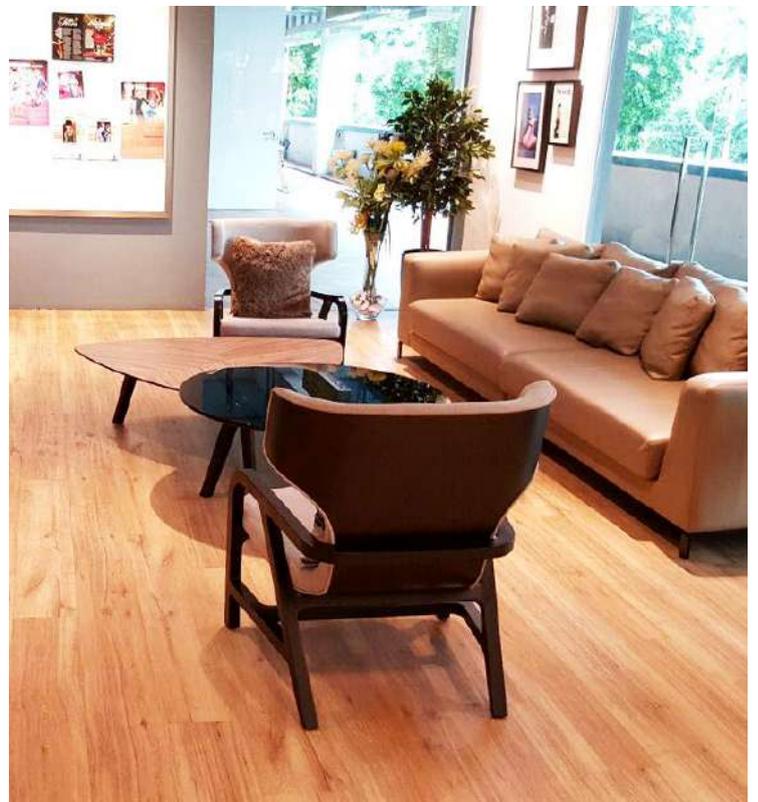


ST FRANCIS METHODIST SCHOOL
Sports Recreation Hall



HAMILTON SCOTTS GYM

Dance Studio





Markham Oak Light
Shawn & Gladys Dance Academy



Durban Oak
Pasir Ris Public Library

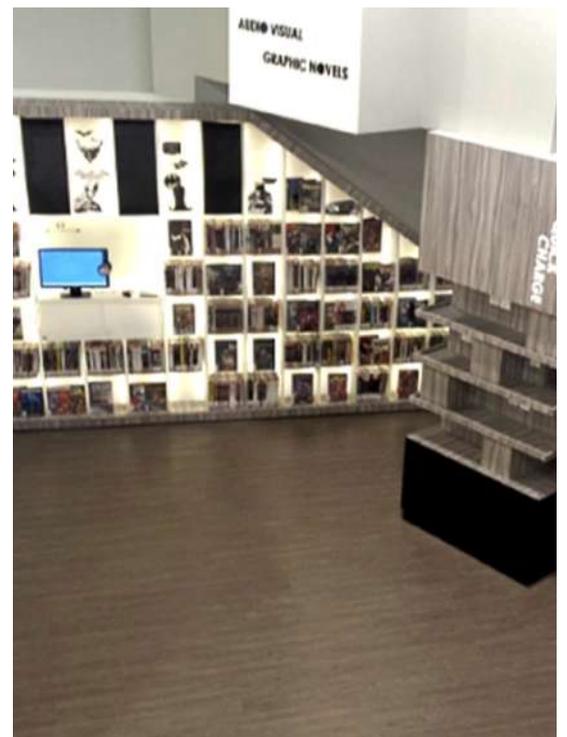
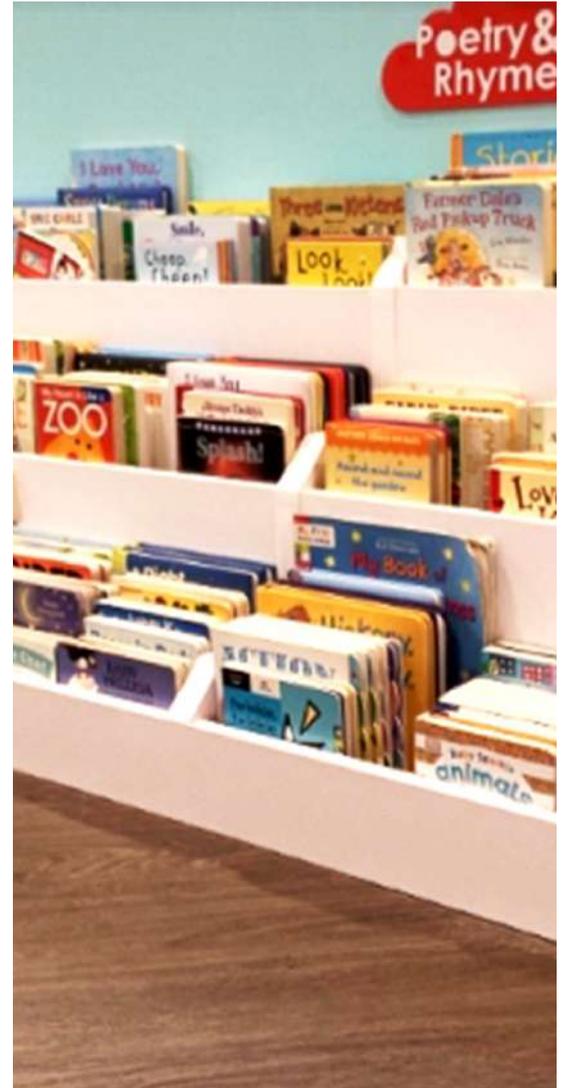


Pasir Ris Public Library

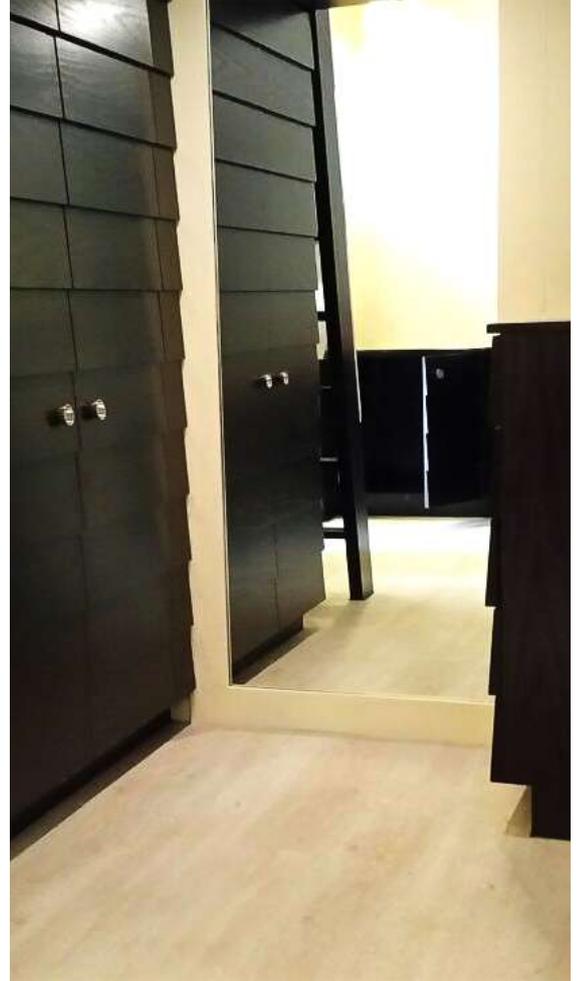
This area - reading terrace with windows overlooking Pasir Ris Park meant to provide readers with a serene space reminiscent of reading by the park. Evorich's Evo HERF - Durban Oak Design adds an exciting and inviting ambience to a comfortable and relaxing space for every reader.

Photo credits to Channelnewsasia.com





Hotels and Other Commercial Projects





Amsterdam Eggshell
at Festive Hotel, Sentosa Island





Evo HERF[®] as Pet-Friendly Flooring

Designed for families with pets and active lifestyle, High End Resilient Flooring (Evo HERF) is an ideal flooring for pet-lover homeowners. Whether you share your home with a cat, a dog or any combination of furry, feathered or scaled friends, it's necessary to have the best pet-friendly flooring. Evo HERF solves problems common to pet-owning households. Most pet-lover homeowners faces the same issues in creating a home environment that is suitable for pets and people alike. Factors to consider in choosing the right flooring for their pets are: water proof (or at least moisture resistant), scratch and abrasion resistant, low in maintenance, odor-free and easy to clean.



FIRSTLOOK ASIA
BREAKFAST SHOW: MONDAY - FRIDAY 6.00 - 9.00 AM SING/ HK

PROPERTY & TECH / HEALTH & FOOD / CARS & MOVIES / LOTS MORE / THE TE

Pet Friendly Homes



Darren Ong
Head, Consumer Sales
Evorich Flooring Group

Pet Friendly Homes
Going that extra mile to make your home comfortable for your furkids. In this edition of Real Deal, we meet a couple who's spent money, time and energy into making their home pet-friendly.

Photo credits to Channelnewsasia.com

HERF by EVORICH was featured in Channel NewsAsia as Asia's **leading multinational floor** for pet lovers' homes.



CHANNEL NEWSASIA



Neko Ko Niwa Cat Café, Boat Quay
The first Cat Café in Singapore



Evo HERF in Natural Hickory
Dog Day Care & Grooming Centre
Ginny & Friends - Where Dogs Play All Day
<http://www.ginnydogcare.com/>

What Makes **Evo HERF®** So Unique & Extraordinary?



Overlaying Installation System

Install HERF directly over most hard surfaces—tiles, timber, concrete, or existing vinyl. No underlay needed.



Warranty

Enjoy peace of mind with a Lifetime Residential Limited Warranty and 15-year Light Commercial Warranty.



Slip Resistance

Certified to SS485 standards, HERF's embossed surface enhances grip and minimizes slip-related accidents.



100% Waterproof

EVORICH Flooring's High-End Resilient Floor (HERF) is made from top-quality pure virgin vinyl resin.



Fire-Resistant

Certified Bfl-S1 for BS EN13501 Standard for flammability and EN ISO 9239-1 Standard in determination of the initial type testing of fire behaviour.



Commercial Grade Wear Layer

Having a thick, high commercial-grade wear layer, HERF becomes more durable and may be used in both residential and commercial spaces.



CLIC Locking System

EVORICH Flooring's High End Resilient Floor (HERF) has a unique CLIC system for simple, glue-less installation.



Air Emission Performance

Evo HERF has undergone a test on TVOC and formaldehyde emission based on ASTM 5116-10 standard.



Termite-Free

EVORICH Flooring's High End Resilient Floor (HERF) does not breed any dusty mites, termites or any wood worms.

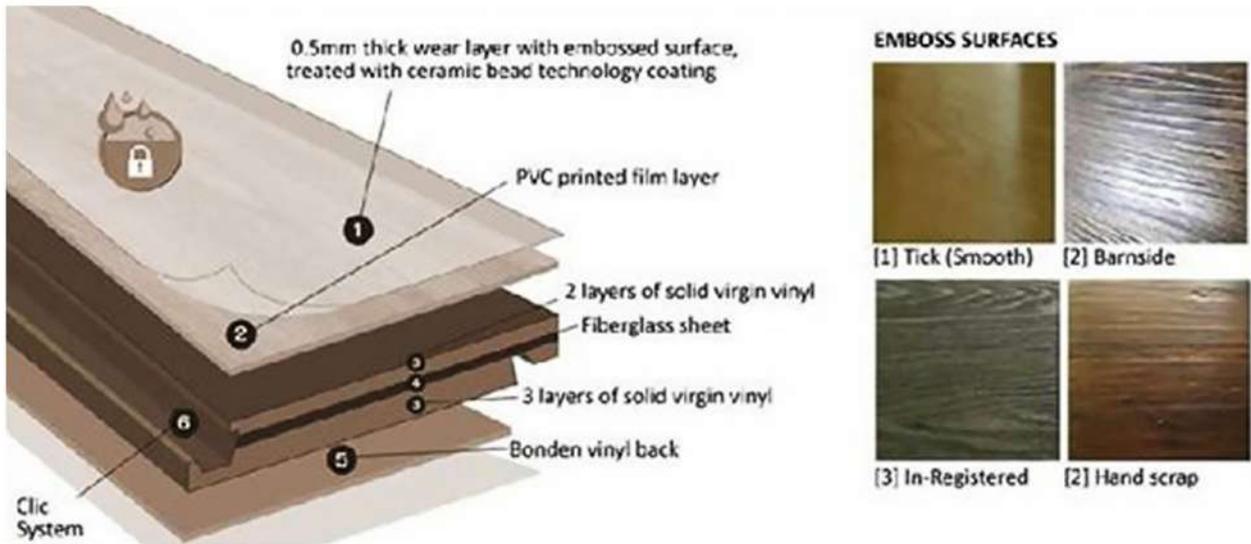


Environmentally Friendly

EVORICH Flooring's High End Resilient Floor (HERF) is a certified green product by the Singapore Green Building Council.



Products Specifications, Structure **and** Installations



- Do-It-Yourself (DIY) concept flooring,
- Underlay not required
- Glue-less and no messy installation
- Cut with utility knife, no heavy tools required
- You can use it immediately after installation
- Minimal wastage on installation



1
Position the 2 planks



2
Angle the second plank and align the interlocking strips



3
Press down and lock into place

Evo High End Resilient Flooring Test Reports

S/N	PERFORMANCE / PROPERTIES	TEST METHODS	RESULTS
A. Dimensions and Dimension Tolerance			
1	The side length	ISO 24342 or EN 427	Pass
2	Tile square-ness	ISO 24342 or EN 427	Pass
3	Overall thickness	ISO 24346 or EN 428	Pass
4	Thickness of wear layer	ISO 24340 or EN 429	Pass
5	Total mass per unit area	ISO 23997 or EN 430	Pass
B. Physical Properties			
1	Dimensional stability after exposure to heat	ISO 23999 or EN 434	Pass
2	Curling after exposure to heat	ISO 23999 or EN 434	Pass
3	Residual indentation	ISO 24343-1 Part 1	0.05 mm
4	Effect of castor chair	ISO 4918	Pass
5	Abrasion resistance	EN 660 Part 2	Wear Group T
6	Slip resistance	SS 485 (Dry floor friction test)	Class F
		SS485 (Wet condition-pendulum friction test)	Class X
C. Chemical Properties			
1	Color fastness to artificial light	ISO 105-B02	Grade 6
2	Stain & Chemical resistance	ISO 26987	Class 0 ; No change
D. Fire Performance			
1	Toxicity	BS EN 45545-2 and EN ISO 5659-2	Achieve CIT < 0.75
2	Smoke Production	EN 13501-1 / EN 9239-1	Achieve S1
3	Flame spread/ ignition	EN 13501-1 / EN 11925-2	Achieve B fl
4	Cigarette burn resistance	EN 1399	Class 4
E. Air Emission Quality			
1	Air Emission Performance	ASTM D5116-10	Not detected

Comparison between Evo HERF and Other Common Types of Flooring

	Evo High End Resilient Flooring (Evo HERF)	Laminate Flooring	Teak Parquet	Ceramic tiles, Granite, Marble & Homogenous tiles	Conventional Vinyl
Easy Maintenance	✓	✓		✓	
Safety & Care	✓	✓	✓		
Colour Choice	✓	✓		✓	✓
Easy Installation & Replacement	✓	✓			
Overlaying Installation System (Hacking of current flooring not required)	✓	✓			
Firm Feel When Stepped On	✓		✓	✓	✓
Highly Scratch Resistance & Highly Durable	✓	✓		✓	
High Skid Resistance	✓		✓		✓
Manufacturer's Warranty	✓	✓			
Waterproof	✓			✓	✓

TEST REPORT: 7191146830-CHM16-MA-CR1

Date: 19 SEP 2016 Tel: +65 68851312 Fax: +65 67784301

Client's Ref: Email: zhou.xiao@tuv-sud-psb.sg

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



PSB Singapore

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SUBJECT

Evaluation of Vinyl Product Samples comply with Singapore Green Building Council (SGBC)

CLIENT

Evorich Holdings Pte Ltd
21 Kim Chuan Terrace
Singapore 537042

Attn: Mr Raymond Foo

DESCRIPTION OF SAMPLE

Four sets of samples labelled as follow were received on 29 Aug 2016:

Sample Description : Evo HERF (High End Resilient Floors)

DATE OF ANALYSIS

07 Sep 2016 – 15 Sep 2016



Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone: +65-6885 1333
Fax: +65-6776 8670
E-mail: enquiries@tuv-sud-psb.sg
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Co. Reg: 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
TUV®

TEST REPORT: 7191146830-CHM16-MA-CR1
19 SEP 2016



METHOD OF TEST

1. Emission Test

The following emission tests were conducted according to ASTM D5116-10 – *Standard Guide for Small-Scale Environmental Chamber Determinations of Organic Emissions From Indoor Materials / Products*, as reference.

- 1) Total Volatile Organic Compounds (TVOC) Emission
- 2) Formaldehyde Emission

Emission Test Condition

- 1) Chamber Volume: about 1m³
- 2) Temperature: 23°C
- 3) Relative Humidity: 50%
- 4) Air Exchange Rate: n=1 (air change rate per hour in the chamber)
- 5) Chamber Loading Ratio: 0.4-1.0 m²/m³ (total exposed surface area of the test specimen divided by the net air volume of the emission test chamber)
- 6) Air Velocity: 0.1 m/s to 0.3 m/s (over the surface of the test specimen)

Characteristics of the Test Chamber

- 1) 1 m³ chamber meeting the requirements of ISO 16000-9 / ASTM D5116
- 2) Chamber Loading ratio for the tested sample: 0.41 m²/m³
- 3) Area specific air flow rate 2.4 m³/m²/h

Air samples were taken on the seventh day and duplicated.

- 1) For analysis, the air was sampled using constant flow rate pumps, equipped with absorbent containing Tenax to trap VOCs. (sampling and assay carried out according to ISO 16000-6 / ASTM D5116).
- 2) In addition, the air was sampled using constant flow rate pumps, provided with absorbent containing di-nitrophenylhydrazine (DNPH) grafted silica cartridge to trap aldehydes. (sampling and assay performed according to ISO 16000-3)
- 3) The Tenax samples were then desorbed by Automated Thermal Desorber System and then analyzed by Gas Chromatography coupled with Mass Spectrometry (ATD-GCMS).
- 4) The samples on DNPH cartridge were then desorbed to form the stable compound hydrazone, which was then assayed by Liquid Chromatography (HPLC) with UV / Diode Array Detector.

Calculation of Emission Concentration

For Singapore Green Building Product (SGBP) Certification, product emissions are required to meet the following exposure concentrations within 168 hours of testing.

Test	Condition(s) to be achieved for SGBP Rating			
	1 Tick	2 Ticks	3 Ticks	4 Ticks
TVOC Emission	≤ 1.0 mg/m ³	≤ 0.5 mg/m ³	≤ 0.25 mg/m ³	≤ 0.1 mg/m ³
Formaldehyde Emission	≤ 0.1 mg/m ³	≤ 0.05 mg/m ³	≤ 0.025 mg/m ³	≤ 0.01 mg/m ³



METHOD OF TEST (Cont'd)

Emission Concentration Determinations

Emission Factor Calculations

$$EF = C \times (NL)$$

- EF = emission factor (mg/m²·hr) or (mg/unit·hr)
C = chamber concentration (mg/m³)
N = chamber air exchange rate (hr⁻¹)
L = product loading (m²/m³)

- 1) Chromatographic analyses lead to determine experimental concentrations of compounds (C) at the end of the test (in mg/m³)
- 2) Area specific emission rates of the compounds (EF) are obtained by multiplying the experimental concentrations by the actual area specific air flow rate (NL) in the chamber (in mg/m²/h)

The model measurements were made with the following assumptions: air within open office areas of the building is well-mixed at the breathing level zone of the occupied space; environmental conditions are maintained at 50 % relative humidity and 23°C; there are no additional sources of these pollutants; and there are no sinks or potential re-emitting sources within the space for these pollutants.

The constant emission factor (as determined at 168 hour) is used to determine compliance with the SGBP Criteria by calculating an exposure concentration. The predicted exposure concentrations (C_{P,t}) (mg/m³) are calculated from the modelled emission factors as:

$$C_{P,t} = EF_{m,t} \left(\frac{A}{V} \right) \left(\frac{1}{N} \right)$$

where,

- C_{P,t} = predicted exposure concentration at time t (mg/m³)
EF_{m,t} = modelled emission factor at time t (mg/m²·hr) or (mg/unit·hr)
A = product area exposed in room (m² or unit)
V = room volume (m³)
N = room air change per hour (hr⁻¹)

The model was set as Private office scenario in a 30.6 m³ room (V) with 0.68 air change (N) rate defined in Table 4-4 and Table 4-5 with reference to California Department of Public Health (CDPH) *Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers V 1.1* (2010).

TEST REPORT: 7191146830-CHM16-MA-CR1
19 SEP 2016



PSB Singapore

RESULTS

1. Emission Test Results

Table 1. Total Volatile Organic Compounds (TVOC) Emission Concentration Test Result

Sample	Test Result (After 168 hours)		Criteria for Singapore Green Building Council	Inferred Result
	Emission Rate	Concentration**		
Evo HERF (High End Resilient Floors)	0.14 mg/m ² /h	0.07 mg/m ³	≤ 0.1 mg/m ³ (4 Ticks)	Pass

* TVOC is the sum of volatile organic compounds sampled on the sorbent tube between n-hexane (C6) and n-hexadecane (C16), and quantified by converting the total area of the chromatogram in that region to Toluene concentration equivalent.

** Predicted exposure concentration based on usage area of 11.1 m² (A) for flooring/ceiling application.

Table 2. Formaldehyde Emission Concentration Test Result

Sample	Test Result (After 168 hours)		Criteria for Singapore Green Building Council	Inferred Result
	Emission Rate	Concentration**		
Evo HERF (High End Resilient Floors)	< 0.01 mg/m ² /h	< 0.01 mg/m ³	≤ 0.01 mg/m ³ (4 Ticks)	Pass

** Predicted exposure concentration based on usage area of 11.1 m² (A) for flooring/ceiling application.

MS MARIANA AHMAD
CHEMIST

DR XIAO ZHOU
PRODUCT MANAGER
MICROCONTAMINATION DIAGNOSIS
CHEMICAL & MATERIALS

TEST REPORT: 7191092331-CHM14-TSL-CR1

Date: 18 JUL 2014

Tel: +65 68851312 Fax: +65 67784301

Client's Ref:

Email: zhou.xiao@tuv-sud-psb.sg

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



PSB Singapore

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SUBJECT

Evaluation of Toxic Fumes Generated From Material Sample During Burning

CLIENT

Evorich Holdings Pte Ltd
21 Kim Chuan Terrace
Singapore 537042

Attn : Mr Raymond Foo

SAMPLE SUBMISSION DATE

04 Jul 2014

DESCRIPTION OF SAMPLE

A piece of material sample labelled as follows was received.

Sample Information		Figure of Sample
Brand & Model Reference :	(HERF) High End Resilient Floor	
Generic Product Name :	Click Vinyl Plank	
Nominal Thickness :	5.0 mm	
Density :	1947 kg/m ³	

DATE OF ANALYSIS

07 Jul 2014 – 18 Jul 2014

Amendments:

The following amendment was made on 18 Sep 2014:

The Sample Information under "DESCRIPTION OF SAMPLE" and "RESULTS" were amended as requested.



TEST REPORT: 7191092331-CHM14-TSL-CR1
18 JUL 2014



RESULTS

Table 1: The Toxic Fumes Results For "Click Vinyl Plank" Sample

Toxic Fumes Generated	"Click Vinyl Plank" (mg/m ³ of Fire Effluents)	IDLH Values Limits ^a (mg/m ³)
1. Carbon Dioxide, Average (Carbon Dioxide, maximum)	697 1073	73000 -
2. Carbon Monoxide, Average (Carbon Monoxide, maximum)	<200 <200	1400 -
3. Hydrogen Fluoride, HF	<5	25
4. Hydrogen Chloride, HCl	<5	76
5. Hydrogen Bromide, HBr	<5	101
6. Sulfur Dioxide, SO ₂ ^b	<5	270
7. Nitrogen Dioxide, NO ₂ ^c	<5	38
8. Hydrogen Cyanide, HCN	<5	56

^a The values in Table 1 are the IDLH values of the listed gases (the concentration of the gas in the atmosphere which for an exposure time of 30mins is immediately Dangerous to Life or Health) given in the NIOSH Guide [1].

^b Sulfur Dioxide includes Sulfur trioxide expressed as sulfur dioxide

^c Nitrogen dioxide includes nitric oxide expressed as nitrogen dioxide

1. The above results from the analysis of the toxic fumes generated from the specimen were found to be below the IDLH Value of listed gases.
2. The weighted summation index, R, is less than 0.3.

Remarks

The weighted summation index R for the sample tested was found to be within the requirement of 1.0 max when tested and assessed according to NF X 70-100 with R calculated in accordance with Annex B of BS 6853:1999.

MS TAN SER LING
TECHNICAL EXECUTIVE

DR XIAO ZHOU
PRODUCT MANAGER
MICROCONTAMINATION DIAGNOSIS
CHEMICAL & MATERIALS



SINGAPORE GREEN BUILDING PRODUCT CERTIFICATE

AWARDED TO

Evorich Holdings Pte Ltd

16 Tampines Street 92 (Behind Tampines SAFRA)
Singapore 528873

FOR THE PRODUCT

Floor Finishes - Vinyl (Heterogeneous)

PRODUCT BRAND

EVORICH

PRODUCT MODEL

Evo HERF (Aspen Oak Black, Kentucky Oak, Natural Hickory, Greenwich Tan, Markham Oak Light, Markham Oak Medium, Durban Oak, Pearl Oak, Amsterdam Eggshell, Amsterdam Silver, Amsterdam Light Tan, Glacial Pine, Hazel Grove, Scandic Snow Wash)

THE PRODUCT HAS BEEN ASSESSED ACCORDING TO THE ASSESSMENT CRITERIA OF SINGAPORE GREEN BUILDING PRODUCT CERTIFICATION SCHEME. IT HAS BEEN AWARDED THE RATING:

CEO
SGBC Pte Ltd



Certificate Number	Original Issue Date	Revised Date	Valid Till
SGBP 3748	28 March 2025	-	27 March 2027

✓Good ✓✓Very Good ✓✓✓Excellent ✓✓✓✓Leader

The use and reliance on this certificate is subject to the terms and conditions of the Singapore Green Building Product Certification Scheme. Revised certificates may also be issued at the discretion of the Council. The certification status may be verified at the Singapore Green Building Council website (www.sgbc.sg).

The Basic Certificates for Evo High End Resilient Flooring (Evo HERF®)



Test Results Against 4 Chemicals



Total Volatile Organic Compounds (TVOC) Emission

01

Test Result (After 168 hours): **0.16 per sqm per hour**
Criteria for Singapore Singapore Green Building Council:
0.25 mg per sqm per hour or less
Result: **PASS**

Formaldehyde Emission

Test Result (After 168 hours): **< 0.01 mg per sqm per hour**
Criteria for Singapore Singapore Green Building Council:
0.02 mg per sqm per hour or less
Result: **PASS**

02



Phenylcyclohexene Emission

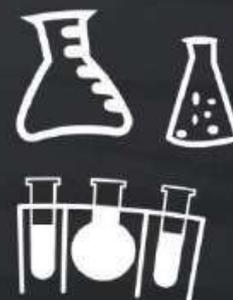
03

Test Result (After 168 hours): **< 0.002 mg/sqm per hour**
Criteria for Singapore Singapore Green Building Council:
0.0065 mg per sqm per hour or less
Result: **PASS**

Total Phthalates Emission

Test Result (After 168 hours): **< 0.005 mg per cum per hour**
Criteria for Singapore Singapore Green Building Council:
< 0.01 mg per cubic metre
Result: **PASS**

04



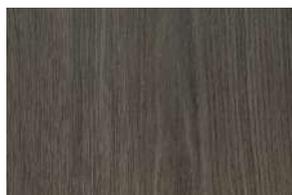
www.evorich.com.sg

Evorich Evo High End Resilient Flooring (Evo HERF®) Collection

Wide Plank Series™



35313
Scandic Snow Wash



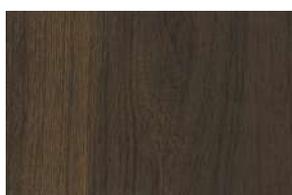
63696
Durban Oak



66314
Natural Hickory



72513
Markham Oak Medium



72516
Kentucky Oak



546128
Aspen Oak Black



725110
Marham Oak Light



978103
Amsterdam Light Tan



978104
Amsterdam Eggshell



978109
Amsterdam Silver



01993
Glacial Pine



ORGW-111-2
Pearl Oak



ORGW-111-4
Greenwich Tan



ORGW-111-17
Hazel Grove



M11110
Champagne Oak



M11118
Stonewashed Timber



M11122
Frosted Oak

Dimension: 190mm x 1210mm
Thickness: 5.0mm
Wear Layer: 0.5mm

DID YOU KNOW?



EVORICH is the first flooring company to introduce High End Resilient Flooring (HERF)[®] into the Singapore market.

High End Resilient Flooring (HERF)[®] was named by EVORICH because of its high-end quality features compared to traditional vinyl and laminated floors.

EVORICH FACTS

To ensure a Lifetime Residential Limited Warranty for your HERF, it must be verified that your HERF was installed by certified installers bearing the Flooring Company's Work Permit.

EVORICH Manufacturing Pte Ltd is the only flooring company that is **Casetrust Accredited**. This reflects our commitment towards fair-trading by establishing consumer-friendly policies, ethical advertising, and proper dispute resolution procedures.

How to spot an *authentic* HERF®?

ONLY authentic High End Resilient Flooring (HERF®) has the Ceramic Bead Technology with the “shimmering” dots coatings for enhanced wear & resistance and improved durability.



Spot the shimmering dots to know its real HERF.

Homeowners who have floored with 'counterfeit' HERF enjoy NO right to warranty for the product.



AUTHENTIC EVORICH FLOORING HERF

'OTHER' VINYL FLOORING

A revolutionary flooring that is customised to your lifestyle needs..

- 100% Waterproof
- 100% Odourless flooring
- Made with pure virgin vinyl
- Termite-free flooring
- Unique click-locking system
- Simple and glue-less installation

Be assured that you have been floored with an *authentic* HERF®



Drop by our showrooms for a real look and feel of an authentic HERF

EVORICH R&D Building and FLAGSHIP Gallery:

16 Tampines Street 92
Singapore 528873
(Behind Tampines SAFRA)



Transact with Evorich OFFICIAL flooring specialists



Verify with us if your ID is a registered partner of Evorich.

Email us:
marketing@evorich.com.sg



Follow us on our official social media accounts to be aware of the latest news and announcements



Register with our online warranty system

Benefits of Having an *Authentic* HERF



True value for its high performance quality and durability.



True protection for all family members.



True protection that comes with genuine HERF Warranty.



True test reports and certificates that ensure product integrity.



EVORICH Customers' *Testimonials*



SEAN SEAH

It has been almost two years since we installed Evorich's HERF flooring and I am really glad that we chose Evorich! The flooring is durable, both child and senior friendly (anti-slipped), and is very easy to maintain clean.

Friends and colleagues who visit for the first time often mistook our house for premium BTOs. It is very recommended to install Evorich's HERF!



SERENE GOH

We love our choice of Evo HERF flooring for our home as it goes very well with the overall Modern Victorian look that we wish to achieve, making it the perfect cozy haven for us. With its waterproof feature, the flooring is suitable for households with kids and pets. Our cats like to run around the house and because it's scratch resistant, we are grateful that the floor is still scratch-free. Thumbs up, Evorich!



DENNIS THIEN BOON BING & WIFE

Just done up my 4-room house. Thumbs up to EVORICH. I myself was quite amazed with the product and workmanship. It was a resale unit, but when I decided to change the flooring, the whole interior also changed.





FARAH NIZAR

Awesome! Evorich Flooring did a wonderful job on our living room and kitchen floor. Their workers were personable and did a great job. We were very pleased with the workmanship! We would like to thank Derry Sim and his team for their effort and providing excellent service, much appreciated.



LYNN NG

I would like to praise the installers for a very good job done! They are very meticulous and independent, even though we have so much furniture they managed to work around it and move everything nicely by themselves.



MUHAMAD HISHAM

I would like to compliment Evorich for a job well done. The service and installation were top-notch. Special thanks to Mr. Larry for his dedication, patience and understanding to our needs. I would definitely recommend Evorich to my friends and family. Kudos to Evorich and Mr. Larry. Keep up the phenomenal work!





Overseas Manufacturing Facilities

EVORICH, a trusted name in the flooring industry, has consistently delivered top-quality products to homeowners and commercial spaces in Singapore and beyond. Our commitment to excellence is evident not only in our extensive product range but also in the world-class manufacturing facilities we operate overseas. These facilities play a pivotal role in our ability to offer affordable flooring solutions without compromising on quality or safety.

To meet the growing demand for premium vinyl flooring, EVORICH has established state-of-the-art manufacturing plants across Asia. Strategically located in countries with advanced production capabilities, our facilities are equipped with the latest machinery and technology. This ensures high production efficiency, precise quality control, and the ability to innovate with new flooring designs and materials.

Each facility is staffed by highly skilled professionals dedicated to maintaining EVORICH's high standards. Rigorous testing protocols are implemented at every stage of the production process, ensuring that every flooring product meets international benchmarks.





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WEBSITE

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EVORICH R&D 

Production · Experience Exhibit

16 Tampines Street 92 Singapore 528873
(Behind Tampines SAFRA)

EVORICH CONCEPT SALES GALLERY
Floors·Decks·Walls·Ceilings

1 Tampines North Drive 1, #02-38 T-Space
EVORICH Block, Singapore 528559
(In between IKEA, Giant & Courts)

EVORICH
Floors · Decks · Walls
TRAINING ACADEMY

27 Kim Chuan Terrace Singapore 537045



Represented Singapore
in ASEAN-Japan Young
Entrepreneurs Forum



   @evorichflooring