

“8mm x 1283mm x 193 mm”

Deep Emboss

Silky Gloss

CA11
Canyon
Pekan



W25
Classic
Walnut



A11
Avenue
Apple



ME32
Merbau
Schiffsboden



P16
Novecento
Pine



QUALITY RAW MATERIALS

HDF core board

We are proud with our **HDF core board**, made from tropical hardwood species such as Meranti, Jelutong, Acacia and etc, which are rated as one of the best in global market in term of high dimensional stability and moisture resistance properties.



AC22
Acacia
Chocolate



O134
Cottage
Oak



WE21
Wenge
Panga-Panga



O137
Weather
Oak

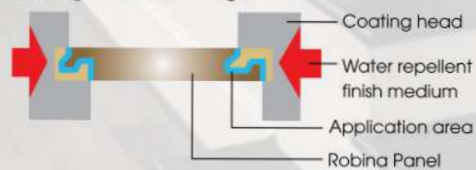


VACUUM EDGE PROTECTION SYSTEM (VEPS)

has set the Laminate Flooring standards towards superior long term performance with advantages as below :

- Perfect edge protection against moisture
- Better dimensional stability
- Minimum squeaking sound upon installation

The VEPS offers an optimum of precision and utilization reliability for the water-repellent finishing of laminate edges



With
VEPS



Without
VEPS



“8mm x 1283mm x 193 mm”

O138
Arumi
Oak



AS21
Tropea
Ash



O133
Cardiz
Oak



AS001
Astoria
Strip



100% Malaysia Origin

TROPICAL HARDWOD HDF

- Low thickness swelling
- High dimension stability
- Environmental Friendly

O131
Manet
Oak



O142
Authentic
Oak



O25
Elegance
Oak



O128
Penedes
Oak





THE Advantages

The adherence of our product specifications to the European standards is reported and confirmed in the CE label that is placed on every pack. That is your ultimate assurance of a quality product without compromise.



WEAR RESISTANT

It can withstand scratches from office chairs with soft rubber wheels.



IMPACT RESISTANT

The tropical hardwood HDF core boards can resist sudden impacts / high heels, falling object & etc



STAINS RESISTANT

Magic markers, lipstick or nail varnish can be easily removed with a drop of acetone on a clean cloth.



FORMALDEHYDE

The laminate board only contains as much formaldehyde as real wood and therefore meets the E1 standard.



SWELLING

Tropical hardwood HDF coreboard itself applies the highest standards in respect of swelling and expansion.



CIGARETTE

A fallen burning cigarette that is for a few seconds on Robina floor won't leave the slightest trace.



NOT EASILY FLAMMABLE

Robina floor is difficult to ignite due to its tropical hardwood HDF.



TERMITE RESISTANT

Tropical hardwood HDF - low sugar content and due to its hard core, it provides termite resistance naturally without any chemical.



FADE RESISTANT

The aluminium oxide coating layer offers fading resistance from exposure to household lighting.



GLUE FREE INSTALLATION

Double locking installation helps in long term performances.



VACUUM EDGE PROTECTION

Provides perfect edge protection against moisture, dimensional stability and minimizes squeaking sound upon installation.

ROBINA's Direct Manufacturer Warranty



TERMITE WARRANTY

Robina provides up to 10 years manufacturer warranty for floorboards which are deemed structural unfit by termite attack.



STAINING WARRANTY (Stain resistance - according to test method EN 438-2,15)

Robina provides up to 25 years of manufacturer warranty for floorboard which has visible stains on the surface due to the following household substances: acetone, hand-cream, fruit and vegetable drinks, fats, coffee, cola drinks, nail lacquer or similar products.



WEAR AND TEAR WARRANTY (Abrasion resistance - according to test method EN 438-2,6)

Robina provides up to 25 years of manufacturer warranty if floorboard surface is worn off in an area of at least one square centimetre on one panel.



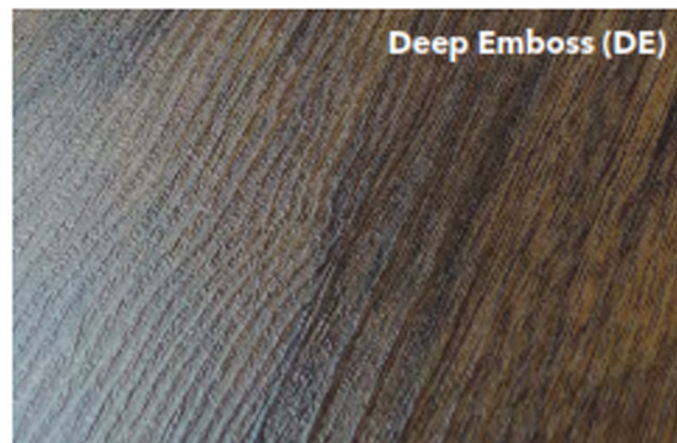
FADING WARRANTY (Light fastness - according to test method EN 20105 B02 and EN 20105 A02)

Robina provides up to 25 years of manufacturer warranty for decor layer which has faded due to household lighting.

TERMS AND CONDITIONS APPLY

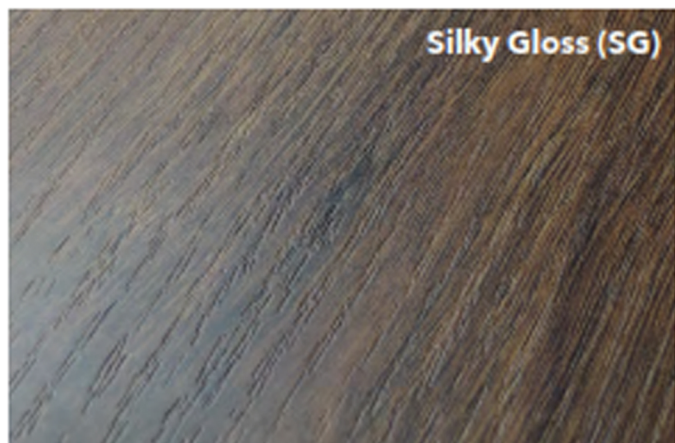
The limited warranty only applies within the warranty period with the affected flooring area greater than one square centimetre on one panel. Proof of purchase attached with date of purchase must be presented to make a claim. The company reserves the right to inspect all reported defective products by the company authorized personnel before recognizing any claims. The company will replace the defective floorboard only at no charge; any others related materials and installation costs are excluded in the warranty.

ROBINA's Surface Finishes



Deep Emboss (DE)

Elegant embossing with imprinted glossy lacquering effects to enhance the visual and the touch senses of the surface.



Silky Gloss (SG)

This innovative surface texture is to induce the combination of matt and gloss finishes simultaneously, exuding the best rustic and exotic features of the decor.

Technical Facts, Specifications & Quality Control

PRODUCTS

Country of Origin : Malaysia
Technology : German
Production Method : DPL - Direct Pressure
Laminate, acc. to
EN13329:2009

DESIGN

Wear layer : Melamine resin based overlay paper
Decorative film : Impregnated decorative paper
Core board : Tropical Hardwood HDF
Barrier : Melamine resin based backing
Surface texture : Deep emboss, Silky gloss
Special features : 4 Sides Edge Protection
Optional features : Micro-V Groove

No	Property	Standard	Requirement (Table 1, EN13329:2009)
1	Level of use	EN 13329:2009	AC4
2	Abrasion class	EN 13329:2009	AC4 = IP- value: ≥ 4000 revolutions
3	Static Indentation	EN 13329:2009	No visible change, i.e. ≤ 0.01 mm indentation using a straight steel cylinder, $\varnothing = 11.30$ mm
4	Dimensional variations after changes in relative humidity	EN 13329:2009	δl average ≤ 0.9 mm δw average ≤ 0.9 mm
5	Light Fastness	EN 13329:2009	Blue wool scale, not worse than 6, Grey scale, not worse than 4
6	Resistance to cigarette burns	EN 13329:2009	\geq Grade 4
7	Resistance to Staining	EN 13329:2009	5, groups 1 and 2 4, group 3
8	Effect of furniture leg	EN 424	No damage shall be visible, when tested with foot type 0
9	Effect of a castor chair	EN 425	No change in appearance or damage
10	Formaldehyde Emission	EN 717-1	E1 value : $0.125 \text{ mg/m}^3 \leq 0.1 \text{ ppm}$

Abrasion test with Taber Test machine



Internal bonding test



Thickness swelling test



Certification & Attestation



**HomeDEC 2011
Quality Award**



MITI - Industrial Excellence Awards: Certificate of Export Excellence 2008 & Product Excellence Award 2010

Recognition awarded by the Malaysia Government towards Robina Flooring's efficient efforts in promoting the products worldwide, as well as continuous improvement of the quality management, product innovation and contribution to the eco-friendly practices.



Robina Flooring is MS ISO 9001 : 2008 certified.
This certification ensures that the quality of our products is consistent and meets the international standard requirements.



The Attestation from the Fraunhofer-Institut for Wood Research, Wilhelm-Klauditz-Institut (WKL) testified that Robina Laminated Flooring complies to the international requirements acc. **EN 13329:2009.**



Robina Flooring is "Tested to Comply with CE marking." **CE marking** is represented the Globally recognised symbol; is the "passport" for Robina Flooring to demonstrate it's "European conformity."



**Singapore Green Label
Scheme**

Robina Flooring was being the first Laminated Flooring manufacturer in Malaysia to be awarded the Singapore Green Label certification by Singapore Environment Council (SEC), a globally renowned institute for it's "Go Green" policy.



**Taiwan Green
Building Materials**



**Malaysia Green Label
MYHIJAU**



**Asia Pacific Book
of Records 2006**