

MAGNES® is an interlocking, innovative magnetic flooring system that is designed to be directly magnetically bonded to an access floor system.

magnēs





MAGNES® MAGNETIC FLOORING

Healthy, natural and easy to maintain, **MAGNES®** timber panels epitomize the luxury of natural timber floors whilst allowing the functionality of an access floor with 100% underfloor accessibility.

The interlocking timber planks are finished with a magnetic backing so that are able to be quickly and efficiently installed directly over your steel cementitious access floor system. The surface is immediately usable after installation.

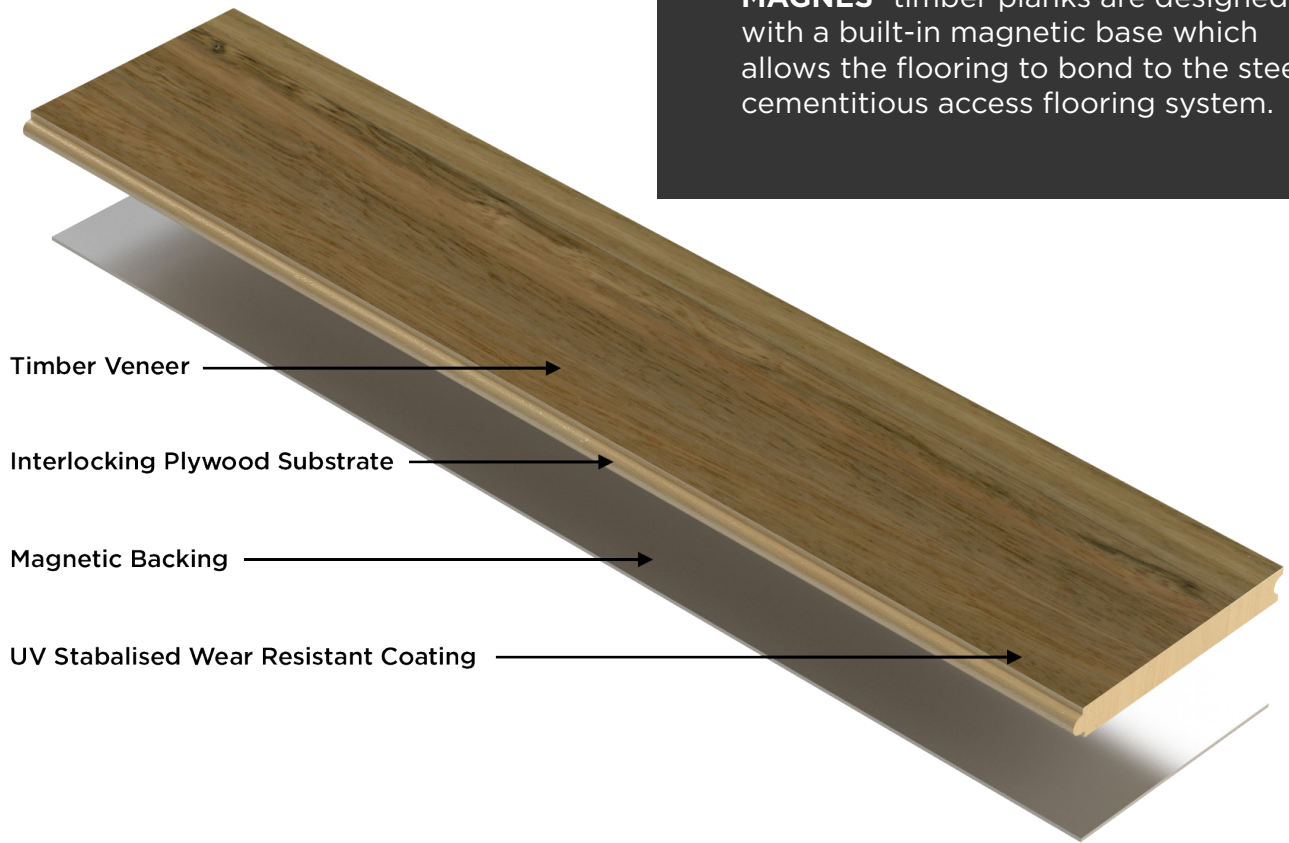
The **MAGNES®** range is also an environmentally friendly option as it's not only more energy efficient than other surfaces but also uses less energy during production.

WHY USE MAGNES® MAGNETIC FLOORING?

- Quick and simple installation
- Access to subfloor for inspection
- Removable and reusable
- Easy replacement of damaged planks
- No damages to the subfloor during installation and upon removal
- Can be installed over an existing access floor
- Can be walked on immediately after installation
- Anti-slip R10 surface
- Simple cleaning and maintenance
- Functional
- Stylish yet practical
- Durable and strong
- Healthy and natural
- Sustainable
- Improved air quality

HOW DOES MAGNES® MAGNETIC FLOORING WORK?

MAGNES® timber planks are designed with a built-in magnetic base which allows the flooring to bond to the steel cementitious access flooring system.

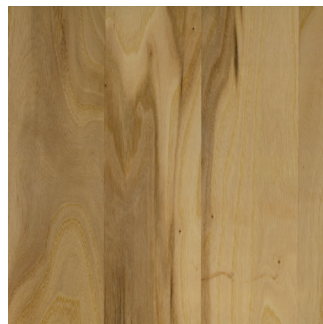


MAGNES® COLOUR HUB

The MAGNES® Colour Hub is a great starting point to choosing the best finish for your design.



BLACKBUTT



ELWOOD



HICKORY



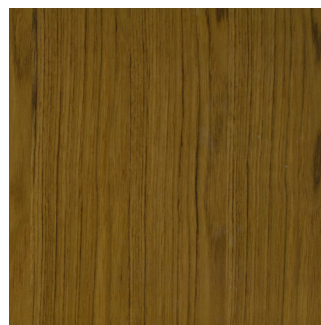
MAPLE



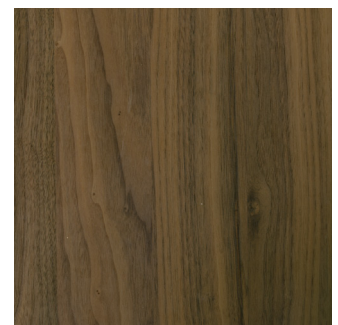
OAK



SPOTTED GUM



TEAK



WALNUT

PERFORMANCE OF SURFACE FINISH PER GB/T 18103-2013 & GB 18580-2017

Properties	Requirements	Result	
Moisture Content	5-14%	10.3	Pass
Impregnated Peel	The cumulative length of any of either side of a plastic layer does not exceed 1/3 of the length of the layer. It shall be defined as qualified when 5 out of 6 specimens are qualified.		Pass
Static Bending Strength	Unit MPa Mean ≥ 30 Min ≥ 24	Mean ≥ 56 Min ≥ 50.4	Pass
Modulus of Elasticity	Unit MPa ≥ 4000	6080	Pass
Abrasion Resistance of Surface	Unit g/100r ≤ 0.15 and paint film is not worn through.	0.07, paint film not worn out	Pass
Pollution Resistance of Surface	No pollution mark	No pollution mark	Pass
Formaldehyde Emission	Unit mg/m ³ E1: ≤ 0.124	0.015	Pass
Slip Rating Per Din 51130:2014-02		Classification: R10	
Slip Rating Per As 4586-2013		Classification: P3	

Connection: Tongue and groove profile edge

CARE & MAINTENANCE

Cleaning

Dust and grit should be removed daily from all timber floors using an antistatic mop. A damp mop can be used once a month using just mist water or a compatible Bona cleaning product. Avoid wet mopping and steam mops to extend the life of the floor's coating.

In hospitality or other such environments, all spills must be cleaned as soon as possible to avoid damage to the timber surface. Similarly, in such areas where spills or concentrated traffic might be expected, preventative measures such as additional mats should be considered to reduce the impact upon the floor.

Follow this simple cleaning regimen combined with using felt pads on furniture feet and mats at entryways to avoid deep scratches.

Restoration

When it is believed that the surface of the floor has become worn, or there are frequent deep gouges, then it is necessary to refinish the floor. This can be achieved by simply sanding the floor back to an even finish using a 150-grit abrasive, taking care not to breach the finished surface, before applying a further coating of Bona Naturelle.

MAGNES® TECHNICAL DATA

Construction

Layer 1: UV Stabilised Wear Resistant Coating

Layer 2: Timber Veneer

Layer 3: Plywood Substrate

Layer 4: 2mm Magnet

Magnet properties

Thickness	2mm
Gauss	560-590
Remanence (Br)	1800-2200MT
Coercivity	100-150KA/M
Density	3.6-3.8

Plank Size

Thickness	17mm
Width	120mm
Length	Length

MAGNES® CONTACT DETAILS

MAGNES® Magnetic Flooring is distributed worldwide by ASP Access Floors Pty Ltd.

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