



Provided that our Storage Maintenance and Fitting Instructions are followed at all times the Product has the following specifications

Impervia Luxury Plank Flooring Product Specification & Technical Data Sheet

Product Code: IMP-9005-1

IMPERVIA LUXURY PLANK NATURAL OAK FLOORING



Sustainability:

The composite core is mainly made up of crushed stone, and with 1.5mm IXEP backing. For our commercial grade the top layers are virgin material for durability. **Waterproof, Fireproof and Formaldehyde Free Flooring.**

With our forests ever decreasing and precious resources being used for an increasing market in wood flooring, we have an alternative that uses less of our natural forests.

Impervia Luxury Flooring is extruded from natural elements and stone. The decorative layer is made from high quality photographic paper and our acoustic backing is VOC free with no cryogenic emissions or formaldehyde.

The finish has a ceramic quality for high traffic areas.

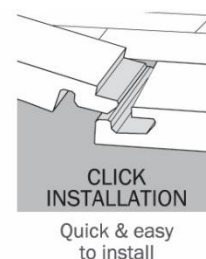
The IPXE backing has an acoustic property of 21dB.

The total thickness is 6.5mm and it requires no adhesive or other accessories or material to fit.

Product Details

Type:	Impervia stone composite rigid floor board
Size:	6.5mm thick (5mm plank + 1.5mm IXEP backing) x 228mm wide x 1524mm long
Finish:	Ceramic Lacquer (commercial grade surface guaranteed 15 years)
Process :	Textured Surface
Length:	1524mm Fixed Length
Profile:	Push fit Valinge 5G-i click system
Pattern:	Single width plank
Edge Profile:	Micro-Bevelled (all four sides)
Top Layer:	0.5mm
Construction:	Composite stone centre, 1.5mm IXEP backing and 0.5mm EIR surface
Slip Resistance:	Low Risk in Pendulum Tests scoring 69 PTV in the Dry and 38 in the Wet using slider 96
Acoustic Performance:	Impact Sound Reduction 21dB
Grade:	Natural looking to replicate a real timber floor
Packing:	Cardboard cartons, shrink wrapped, 6 pieces per carton with 2.08m ²
Weight:	Each carton will weigh approx. 20.8kgs
Durability:	Waterproof construction, stain resistant and hard wearing
Underfloor Heating:	This floor is suitable for underfloor heating

Features and Benefits of Impervia Luxury Plank Flooring:



Installation Methods:

Fully Bonded: No

Secret nailed: No

Floated: Yes, direct to a substrate with a maximum of 3mm undulations over 3 metres

Over Underfloor Heating: Yes, compatible for UFH subject to following the correct installation requirements.

Aesthetics and Characteristics:

Impervia Luxury Plank Flooring is made by taking high resolution images of real floors to replicate quality wood flooring.

Item	EN Norms	Result	ASTM Norms	Result
Size	EN 427	600 x 300 mm	ASTM F536	600.1 x 300.2 mm
Dimension Squareness and Straightness	EN 427	Squareness:0.09mm Straightness:0.07m m		
Chemical Resistance	EN 423	Pass	ASTM F925	Pass
Colour Fastness to Artificial light	EN 20105:B02 method A	Pass, >=Grade6	ASTM F1515	Pass
Wear Resistance	EN 660-1	Weargroup: T		
Scratch resistance	ISO 10582	3200g	ASTM F3261	Pass
Resistant to impact			ASTM F1265	Pass
Dimensional Stability	E434	Stability:Pass 0.1% Curling: 0.06mm	ASTM F1700	Pass,
Residual Indentation	EN 433	Pass, 0.06mm	ASTM F970	Pass
Acoustic	21dB Impact Sound Reduction in accordance to BS EN ISO 717-2:2013			
Slip Resistance	EN 13893	Class DS		
	Tested to BS 7967-2:2002+A1:2013 (Pendulum Test in PTV values using slider 96) Results: DRY (69) LOW RISK WET (38) LOW RISK			
Behaviour to Fire	EN 13501-1	Bf1-S1	ASTM E648-06	Pass/Class 1
Smoke Density			ASTM E662	Pass, <=450

Manufacturing: Impervia floors are manufactured using the latest extrusion technology where the protective top layer, decorative layer and composite centre core are extruded as one fusing them together to create a natural looking surface and in accordance with accepted industry standards, which permit a tolerance not to exceed 5%. The variations may be of a manufacturing or natural type (this does not include colour variation). The surface is then finished on a UV line after been pressed to create the textured surface.

Samples: *Small samples will give a representative example of the colour of the finished floor. However, to mimic the appearance of natural wood or stone one small sample WILL NOT be representative of the overall effect of an Impervia™ floor. Therefore, should it be necessary to gain a better understanding of how a larger area will look, purchasing cartons for a sample area should be considered, before making a final decision.*

Storage: **See Impervia Storage Fitting and Maintenance Instructions part of our T&C's**
In order to minimise potential damages, it is advisable to store Impervia flooring away from wet trades or building works and to have such works completed prior to installation of the floor.

Fixing: **See Impervia Storage Fitting and Maintenance Instructions part of our T&C's**
The composite flooring we produce uses the latest Valinge push fit technology so it is very easy to install due to its stability in not being affected by moisture.

NBS:

NBS specifications can be written by request once we have full details of the subfloor build up.

Cleaning: **See Impervia Storage Fitting and Maintenance Instructions as per our T&C's**
(never use solvent cleaning solution) *Correct cleaning and maintenance is important. Impervia can use antibacterial cleaners, steam mops etc... be sure to avoid enamel cleaners or strong solvents that may weaken the ceramic lacquer finish.*

Health & Safety:

Impervia Luxury Plank Flooring is a manmade product and on its own offers no recognisable health and safety risks. When re-manufacturing any product please follow HSE advice.

Company Approvals:

We operate a stringent sustainable environmental policy; this is part of our group of companies trading under Ryder International Ltd. We are certified by all the relevant organisations and our certificate numbers can be seen below.

FSC® - Solid Wood Flooring Trademark License Number: FSC® C007915

FSC® - Solid Wood Flooring Chain of Custody Number: NC-COC-005535 HA

PEFC™ - Solid Wood Flooring Trademark Licence Number: PEFC/16-37-1814

PEFC™ - Solid Wood Flooring Certificate Number: CATG-PEFC-400-AT

WWF® - The Solid Wood Flooring Company achieved the highest - 3 Trees - accreditation

Never build onto a stone composite floor: *Impervia Luxury plank flooring doesn't provide a good foundation to build onto. Therefore, it is important to design any cabinets and internal furniture with their own structural base and not to be sat on the stone composite flooring, so that should any damage occur, the floor finish can be easily repaired or removed.*