

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



IMP-LS52453

Fumed Oak

Sustainability:

Impervia Flooring is an advanced alternative to wood flooring. It uses fewer natural resources and is significantly more stable. Impervia has been designed and created as an environmentally friendly product. Further features are noted below:

- Free from VOCs
- FloorScore® certified
- Free from Formaldehyde
- Free from Cryogenic emissions
- Constructed from natural materials
- Single-component lose-lay installation (no adhesives required)
- Environmental Product Declaration (EPD) available upon request



Product Details:

Type:	Impervia stone composite rigid floor board
Construction:	Composite stone centre, 1.5mm IXEP backing and 0.5mm EIR surface
Dimensions:	6.5mm thick (5mm plank + 1.5mm IXEP backing) x 228mm wide x 1524mm long
Finish:	Ceramic Lacquer (commercial grade surface, guaranteed 10yrs commercial & 30yrs residential)
Surface Texture:	EIR textured wood grain
Profile:	Push fit Valinge 5G-i click system
Pattern:	Single width plank
Edge Profile:	Micro-Bevelled (all four sides)
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
Durability:	Waterproof, stain resistant, commercial grade scratch resistance
Underfloor Heating:	This floor is suitable for underfloor heating
Packaging:	Recyclable cardboard cartons. Each pack contains x6 full length board totalling 2.08m ²
Weight:	Each pack weighs 21kgs

NBS:

Uniclass:	Pr_35_57_71_41
CAWS:	M40/110 Tiling to M50/110 Resilient floor tiling

Aesthetics, Characteristics & Samples:

Impervia flooring mimics real wood flooring. It will have inherent characteristics such as shade variation, grain patterns, knotting etc. It is the art (and responsibility) of the fitter to re-manufacture the flooring materials to create a finished floor.

Small samples will give a representative example of the colour of the finished floor but will not be fully representative of the overall effect.

Product Performance:

Item	EN Norms	Result	ASTM Norms	Result
Size	EN 427	600 x 300mm	ASTM F536	600.1 x 300.2mm
Dimension Squareness & Straightness	EN 427	Squareness:0.09mm Straightness:0.07mm		
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		
	Under EN 649 Impervia classes as '34' "Very Heavy Commercial" use			
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

Storage, Fitting & Maintenance:

Refer to our Storage, Fitting & Maintenance Instructions as well as our T&Cs for full details.

Storage: Impervia should be stored flat and away from hazards (i.e. impact damage). Whilst Impervia is not susceptible to moisture or heat, it is advisable to have major trades completed before bringing Impervia to site to reduce the risk of damages.

Installation Methods: Impervia flooring is a single-component installation product as the underlay is built in. The individual boards are locked together using the patented 5G-i locking system from Valinge. You must use a Nylon Hammer to secure the joints. For more information please see: [Fitting Guides](#)

N.B. Impervia flooring should never be used as a foundation. Therefore, it is important to design any kitchen cabinets (or other heavy furnishing) with their own structural base and not to be sat on the laminate.

On-site Protection: In situations where the flooring is installed but works are to continue afterwards, please ensure the correct protection is used. We recommend using BreatherShield® topped with hardboard (taped together, but do not tape the floor). This reduces the chance of surface damage as works continue. **Do not** use rigid plastic coverings.

Cleaning: (Never use solvent cleaning product) Correct cleaning and maintenance is important. Simply clean when needed using a PH Neutral cleaner (such as Bona Cleaner) or a steam mop. Never apply an oil or wax-based product.

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:

The Solid Wood Flooring Company operate a stringent sustainable environmental policy, details of which can be seen on the web site. We are certified by all the relevant organisations and our certificate numbers can be seen below:

FSC® - The Solid Wood Flooring Chain of Custody Number: INT-COC-003944-545

PEFC™ - The Solid Wood Flooring Chain of Custody Number: INT-PEFC-COC-1119-545

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