

Fitting and Quality Control of Impervia Flooring

We are proud of the quality of our Impervia flooring where quality control during production and packaging is paramount. The profiling machines are checked daily for accuracy of machining and any maintenance required is carried out directly by Homag (the machinery manufacturers).

Production batches are continually checked for ease of locking and for any damage to the profile after finishing but before packing. This ensures the products any non-conforming products are removed so only fully quality checked goods leave our factory.

Efficient Quick Installation of Impervia Flooring:

It is crucial that the correct tools are used during installation. You do not need to leave any gaps around the perimeter or have transition strips for very large areas. You need a quick hard tap to lock the floor properly and you will not damage the surface, see the video: [Installing Impervia Herringbone](#).

Sub Floor Preparation:

You **DO NOT** need underlay or adhesives when installing Impervia flooring. All you need is a flat floor that is solid and sound. You can lay over existing tiles or wood floors if they are perfectly flat with nothing loose. Impervia has its own 1.5mm acoustic backing with a 21-decibel reading which reduces sound transmission by 75%. Concrete floors need to be SR1 or better and we advise a latex layer on all screeds. There is no need to worry about environmental conditions as Impervia is waterproof and fireproof. You can see [THE DURABILITY](#) of Impervia here. For old buildings overlay a 20mm marine T&G plywood.

Tools required for installation:

The plastic or nylon mallet shown is the perfect tool. Do not use rubber as the shock impact is not good enough to get a solid "Click".



Cutting

Use a high-quality heavy duty Stanley knife or equivalent to score the top of the Impervia if it is a right-angled cut.



After 3 scores of the top, you then “snap” the cut and make sure you then cut the acoustic backing as well.

If you have angles to cut you can use this method as well or a jig saw with a metal or stone cutting fine blade.

You must be careful and cut slowly with a jig saw and make sure you have the finest tooth blade possible for cutting metal or stone.

Other tools are a square, pencil and measuring tape.



Fitting of Planks and Herringbone Impervia.

Generally, planks are easier and quicker than fitting the herringbone as they come in wide long planks. You use the same tools and techniques for both with just one difference on the installation of herringbone. You should leave a gap of 5mm around the perimeter of the floor for expansion, especially if there is a lot of solar gain. Please call for advice if the length or width is more than 8 meters.

You can see numerous videos on the web site but some useful links are below.

[THIS VIDEO SHOWS HOW TO USE A PLASTIC MALLET HEAD TO HAMMER THE EDGES](#)

How to quickly install Impervia Herringbone:

The most important things to do when installing the herringbone are as follows:

1. Open the cartons and sort the left and right handed pieces into two piles.
2. **NEVER** try and slide the pieces in, you must “push fit” each piece at a 45 degree angle and then hammer down the end to lock it together. The piece that you are locking together must be lined up correctly which can be seen in the image below.
3. You must start in the correct way and the videos below show how to lay out the herringbone and where to start with the left and right handed pieces.
4. The video link here shows the correct way to layout and install. Halfway through you will see the initial layout where they started against the wall.

THIS VIDEO SHOWS THE WAY TO LAY OUT THE HERRINGBONE PARQUET

The image below shows an example of fitting the herringbone and plank at the correct angle.

If you try and slide pieces in you will never get the best fit. Always line up the ends perfectly and then push down an in.

To fully lock the herringbone, make sure you hammer the end in as below.



Make sure you use a plastic or nylon hammer to give sufficient "shock" to the ends to fully lock the piece together. You must do this before going on to the next. If you felt it is not locking properly then it is probably down to not fully push fitting the piece into the groove of the locking profile.

The image below shows an actual installation of the herringbone by one of our trade clients



The most important thing to do when installing the herringbone is to use the plastic or nylon headed mallet to fully tap down the ends which is shown in the short video [INSTALLING IMPERVIA HERRINGBONE](#). This is the most crucial part of the installation to ensure everything is locked together. Do not hesitate to bang hard as you will not damage the surface.



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