

INSTALLATION GUIDE FOR IMPERVIA STAIR NOSE

This guide explains how to clad staircases using Impervia plank and matching stair nosing. For a secure installation, the stair nose and plank must be fully supported beneath the full surface area.

The guidance below shows the correct position of the stair nose, the adhesive requirement, and the installation detail to avoid. This is important because unsupported edges can place stress on the rigid core and may lead to fracturing over time.

Before Installation

The stair being clad must be flat, sound and free from movement. There must be no flex on the front edge of the step, as this can place stress on the rigid core.

The stair nose should never be left unsupported or installed with an overhang.

Adhesive recommendation

Use an MS Polymer adhesive, such as SW890, to bond the stair nose and riser when cladding stairs.

The Impervia plank can also be used as the stair riser, as shown below.



Impervia plank used as a stair riser with the stair nose positioned above.

Incorrect installation: unsupported overhang

There must be no unsupported overhang beneath the stair nose. If the rigid core is left unsupported, repeated pressure over time may lead to fracturing.



Incorrect installation — unsupported overhang beneath the stair nose.

Correct installation: fully supported stair nose

The stair nose must sit fully against the stair riser, with continuous support beneath the plank and nosing. This helps protect the rigid core and ensures the stair detail performs as intended.



Correct installation — stair nose fully against the stair riser with no unsupported overhang.

Final checks before use

Before the staircase is used, check that:

- the stair nose is securely bonded
- the plank and riser are fully supported
- there is no movement on the front edge
- there is no unsupported overhang

Important: unsupported areas can place stress on the rigid core and may lead to cracking or fracturing over time.