

Background

Traditionally, sound control underlayments are not recommended for use under HPC products that have an attached backing - these products have latent sound reduction characteristics that meet most sound reduction requirements. However, there are some situations where additional sound reduction may be required - in these cases, the AcoustiCORK Endurance product may be used.

This technical bulletin serves as a guideline for installing the SMPL HPC product over the AcoustiCORK Endurance material. While the endurance product can be installed in many areas, please pay particular attention to the product limitations and follow all of the guidelines within this document and SMPL technical information.

Installation Guidelines

Product Limitations

When installing in residential areas, such as multi-family units and condominiums, the AcoustiCORK Endurance can be loose laid. However, when installing in corridors, common areas and multi-use public spaces, the Endurance must be glued down with a suitable pressure sensitive adhesive, such as the Gold Series MA 2000. Ensure environmental conditions are at least 60° F and less than 75% RH for 48 hours prior to, during and after installation. When concrete moisture levels exceed 85% RH or 10 lbs. MVER, a moisture mitigation system must be installed prior to installing Endurance and SMPL.

Substrate Preparation

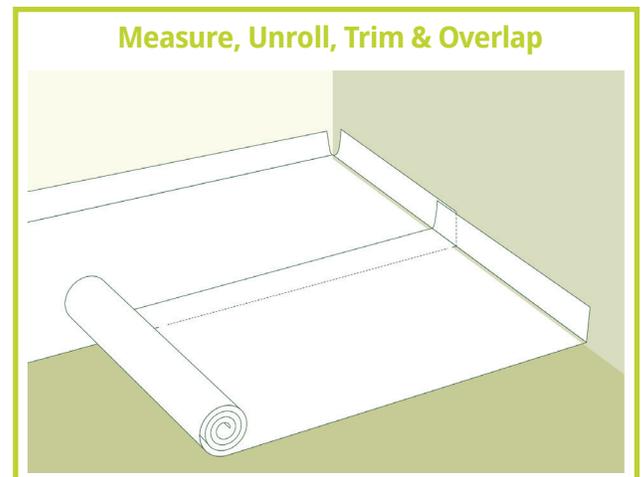
Although an underlayment will be used, all substrate preparation guidelines for SMPL must be followed, including substrate flatness requirements and crack or void repair. All substrate must be clean, sound, flat and free of dust, dirt and debris. See the SMPL Tech Data & Installation document for more information.

Endurance Installation

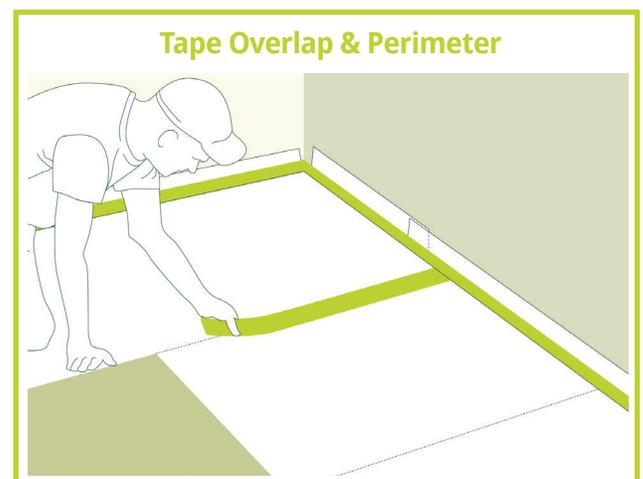
The AcoustiCORK Endurance product is protected by an attached plastic sheet that acts as a vapor-retardant moisture barrier for both the Endurance and the SMPL product. This plastic sheet has a folded overlap that is intended to run up perimeter walls and vertical surfaces, as well as overlap adjacent rolls to provide consistent moisture protection. Prior to establishing the layout of the Endurance, ensure that this plastic film is facing up. Identify the sides with the folded overlap - this overlap should face the starting corner of the installation (see image at right).

Endurance and SMPL must be installed perpendicular to each other - prior to installing Endurance, confirm the SMPL installation pattern and direction per the design specifications or work order. Measure the area to be covered with the Endurance and trim rolls accordingly. Add an additional inch to length measurements to ensure the Endurance covers the entire installation area. Unfold the overlap up the starting wall and/or any vertical surfaces adjacent to the installation.

Install successive rolls by butting seams tightly to the previous

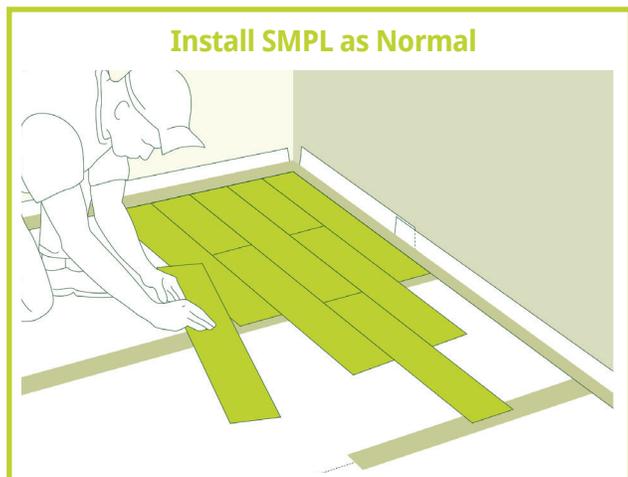


roll, ensuring the overlap is facing the same direction as the previous roll. Once seams are tight and in place, unfold the overlap to cover the previous roll and use 2" clear packaging tape to tape the overlap to the previous roll and the perimeter of the installation. Repair any tears or minor damage using a piece of 2" packaging tape as necessary. Proceed in this manner until the entire installation area is covered. Ensure there are no gaps whatsoever between each roll.



SMPL Installation

Once Endurance is installed, install the SMPL material as normal, following the SMPL installation instructions. Avoid overlapping seams in the SMPL material with seams in the Endurance material as much as possible. Be sure to allow for perimeter expansion per the SMPL installation instructions.



Once SMPL is completely installed, trim the overlap and any excess Endurance material around the perimeter to allow for the installation of wall base and/or any adjacent accessories or floor covering. Ensure that Endurance material still covers the entire installation area to ensure consistent sound reduction and moisture protection.



For additional information, please consult the AVA SMPL technical information and the AcoustiCORK Endurance technical information, or contact AVA technical services: 1.800.861.5292 - support@avaflor.com