ActiveSound™

INSTALLATION

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MohawkGroup.com

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To confirm you have the most recent installation instructions, please visit our website www.mohawkgroup.com or contact Technical Services at 800.833.6954.

Asbestos Warning

WARNING! DO NOT MECHANICALLY CHIP OR PULVERIZE EXISTING RESILIENT FLOORING, BACKING, LINING FELT, ASPHALTIC "CUTBACK" ADHESIVES OR OTHER ADHESIVES. Previously installed resilient floor covering products and the asphaltic or cutback adhesives used to install them may contain either asbestos fibers and/or crystalline silica. Avoid creating dust. Inhalation of asbestos or crystalline dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the previously installed product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content and may govern the removal and disposal of material. See current edition of the Resilient Floor Covering Institute (RFCI) publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for detailed information and instructions on removing all resilient covering structures.

Job Site Conditions

It is the responsibility of the Installer and Owner to ensure t hat job site environmental, substrate and subsurface conditions involved meet or exceeds all requirements as outlined in instal lation instructions prior to installation. M anufacturer declines all responsibility for product performance or installation fail ure due to structural, substrate or environmental deficiencies o r jobsite conditions.

General Information

It is important that flooring products maintain proper temperatu re before, during, and after installation in order to minimize dimensional changes. The substrate and all flooring material mus t be conditioned on a flat surface at a constant temperature between 65˚F (18˚C) and 85˚F (29˚C) for 48 hours prior to, duri ng, and 48 hours after installation. Thereafter, maintain a roo m temperature between 55˚F (13˚C) and 90˚F (32˚C).

Tools And Materials

- Mohawk HydroSeal Moisture Inhibitor
- Mohawk SurfaceSeal Adhesive Encapsulator
- Mohawk PrimeCoat Primer
- 75 pound, 3 section roller
- Chalk Line
- Carpenter square

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Suitable Substrates And Surface Materials

- Fully cured, dry concrete on all grade levels (Moisture vapor emissions should not exceed 85% RH (ASTM F2170) with a pH range between 8 and 9.
- Approved suspended wood floors and underlayment.
- Portland cement-based self-levelling underlayment and patching compounds.
- Prepared ceramic tile, marble and cement terrazzo.
- Aluminum, steel and stainless steel.
- Embedded radiant-heated substrates where the maximum surface temperature of the floor does not exceed 85oF (29°C) in any area.
- Existing inlaid resilient sheet flooring-single layer, fully adh ered and well bonded.
- Existing vinyl composition tile (VCT) - single layer, well bond ed over on or above grade level only.

Note: Some previously manufactured vinyl floor covering and asph alt “cutback” adhesive contain asbestos. For p reparation or removal of these products, refer to the Resilient Floor Cove ring Institutes publication “Recommended Work Practices for the Removal of Resilient Floor Covering”. These work practices must be followed. For a copy of the reco mmended work practices, please contact:

Resilient Floor Covering Institute (RFCI)
401 East Jefferson Street
Suite 102
Rockville MD 20850

Floor Layout

First, determine the direction to install the planks. As a general rule, planks are normally installed running in the long direction of the main room and with the light source. Lay the ActiveSound LVF Underlayment perpendicular to the direction of the LVF, flush with the wall, and edge-to-edge. Ensure that the printed EZ Cut pattern faces up to help control the product from moving too much during installation. **Note: the printed pattern may have minor deviations. Join the individual strips using the easy click® design. Use clear packing tape to join and secure any head-seams.**

Site Preparation

The substrate must be sound, smooth, dry and clean. Mechanically remove any dirt, wax, loose paint, existing adhesives and all foreign matter. Do not install LVT directly over cutback residue. If you encounter cutback residue, mechanically remove and apply a coat of Mohawk SurfaceSeal prior to installation of flooring. If installation is over gypcrete it is advisable to apply a coat of Mohawk PrimeCoat and allow to dry prior to installation of flooring. Seal porous or dusty concrete surfaces with Mohawk PrimeCoat or Mohawk HydroSeal. Do not use on chemically cleaned substrates or over treated plywood substrates. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials must be maintained at 65°–85° F, and the humidity below 65% for 48 hours prior to, during, and after pre-installation testing and installation. Use M700

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Adhesive for installations over concrete substrates with moisture emission not to exceed 85% RH when tested with the latest version of ASTM F 2170 and pH of 8-9. If RH exceeds 85% use Mohawk HydroSeal to lower readingss. Lower pH readings on a concrete substrate may indicate that a sealer or sealed surface is present. All substrate preparation and testing procedures must conform to appropriate ASTM F 710.

Substrate Preparation

All substrate surfaces must be flat, clean, dry, smooth, and free of movement. Certain requirements may apply in order to prepare these substrates for resilient flooring. All surface imperfections should be filled and sanded with a Portland cement-based latex patching compound. Substrates covered with existing flooring may also be acceptable for residential and light commercial applications.

Ensure that concrete substrates are sufficiently dry by conducting moisture and pH tests. The substrate, regardless of the type must be flat, smooth, clean, dry, structurally sound and free of paint, old adhesive residue, wax, grease, oil, solvent, curing and parting compounds and other substances that could interfere with adhesion or the performance of the flooring. Never use liquid adhesive remover or solvent cleaners for removing old adhesive residue or other substances on the substrate – Mohawk SurfaceSeal is perfect for these situations. These substances must be mechanically removed or encapsulated. Conduct bond tests to confirm suitable adhesion to the substrate.

Flat – Within 3/16" in 10' radius and/or 1/8" in 6' radius - sand high areas or joints - fill low areas with a high compressive strength Portland base compound. Subfloor deflection should not exceed 1/3 60th of the span. The flatness of the s ubstrate is particularly important for keeping joints tight and in alignment when installing large format tiles. Deviations in the substrate should not exceed 3/16" in 10' or 1/16" in 1'.

Dry – Select the appropriate moisture indicator test specifically de signed for use with wood or concrete subfloors. Test and record moisture content results. DO NOT INSTALL FLOORING IF MOI STURE TEST RESULTS EXCEED RECOMMENDED LIMITS.

1. Concrete substrates must be dry, smooth, and free from oil, dust, solvent, paint, wax, grease, and asphalt sealing compounds or other materials. The surface must be hard and dense, and free from powder or flaking.
2. New concrete slabs must be thoroughly dry (at least six weeks) and completely cured. Curing agents, surface hardeners and other additives may cause problems. These should be removed by sanding or grinding if there is a potential problem causing agent on the slab.
3. All concrete slabs must be checked for moisture before installing material. Moisture emissions from subfloor cannot exceed 85% In-Situ Relative humidity. Responsibility for determining if the concrete is dry enough for installation of the flooring lies with the owner and installer.
4. Surface alkalinity of concrete substrate – Concrete slabs should be tested for the presence of alkali salt build up. Excessive alkali can cause issues like discoloration and the seams of click flooring. A simple pH paper test using distilled water and pH paper can determine the presence of excessive alkali salt. Pour a small amount of distilled water on to the slab and allow it to

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