

# SECTION I— General Installation Guidelines

## I. General Installation Information

The installation information and recommendations found in this section pertain to all Mannington Resilient Floors flooring products. This information is based on industry accepted recommendations as established by the Resilient Floor Covering Institute and on thorough field testing of the various products and their installation systems. This information is also based on the most up-to-date technical information available. However, we are constantly striving to improve, standardize and simplify all aspects of resilient flooring installation as new products and procedures are developed. It is the responsibility of the professional vinyl installer and specifier to remain current regarding recommendations for suitability of intended use of our flooring products and the required installation systems.

Additionally, it is not possible to cover all situations or conditions relevant to the installation of resilient flooring. Final decisions and responsibility for each specific installation rest with the floor covering contractor. If you encounter any unusual situations or conditions, stop the installation immediately and contact your local Mannington Distributor, your Mannington Regional Installation Specialist or call Mannington Resilient Floors for assistance. Always use Mannington recommended adhesive, seam sealer, and floor patch products.

### A. STORAGE AND HANDLING

All resilient flooring products must be stored in a dry, temperature-controlled interior area. Optimum minimum storage temperatures should be between 65 and 70 degrees F. If this temperature is unobtainable, the resilient flooring product and any installation-related products should be brought to room temperature (min. 65 degrees F) for at least 48 hours before installation. Furthermore, the relative humidity of the storage area should be controlled and maintained between 30% and 70%.

Sheet vinyl must always be stored tightly rolled, face-out on a sturdy cardboard core designed for that purpose. 12' wide vinyl flooring should be stored horizontally and supported across the entire width. 6' wide vinyl flooring is typically stored vertically (on edge). These storage recommendations should be followed to prevent compression of the sheet vinyl materials.

Vinyl composition tile (VCT) should be stored on a dry, level surface. VCT cartons should not be stacked more than five cartons high. Cartons should be stacked in straight tiers. Pallets should not be double stacked. Pallets should be stored so that they are protected from accidental damage from fork lift or other traffic. Always protect the corners of the cartons.

Resilient flooring products can be heavy and bulky. Always use correct lifting techniques when handling these products. Utilize material-handling equipment such as dollies or material carts whenever possible. Never lift more than you can safely handle; get assistance. Resilient flooring products can be damaged by rough handling before installation. Exercise care when handling and transporting these products.

Always check the flooring materials to ensure that they are the right pattern, style and color, and that the size and amount of the products are sufficient to complete the installation. Inspect the materials closely before installation for any visible defects. Mannington resilient products are manufactured to high-quality standards and are carefully inspected before leaving our facility. Occasionally, however, defects are not detected. If you notice a visible defect in the resilient product, stop the installation and contact your local Mannington Distributor for assistance. **MANNINGTON RESILIENT FLOORS WILL NOT PAY LABOR CHARGES ON CLAIMS FILED FOR MATERIALS INSTALLED WITH OBVIOUS VISIBLE DEFECTS.**

### B. JOB SITE CONDITIONS

The environment in which resilient flooring products are installed is critically important with regards to successful installation and the continued performance of the flooring products. **MANNINGTON RESILIENT FLOORING PRODUCTS ARE INTENDED TO BE INSTALLED IN INTERIOR LOCATIONS ONLY.** These interior locations must meet climatic and structural requirements as well.

### C. TEMPERATURE REQUIREMENTS

Resilient flooring products should not be installed until the work area can be temperature controlled. The acceptable minimum temperature of the work area is 65 degrees F. This temperature should be maintained for 48 hours before, during and after the installation. This requirement can seldom be fulfilled with temporary space heaters. A permanent heat source should be operational before proceeding with the installation of any resilient flooring product. This will ensure that a minimum temperature of 55 degrees F can be maintained for the life of the flooring product. Failure to meet these temperature requirements may adversely affect the performance of the flooring products and adhesives.

All Mannington resilient products can be installed over radiant heated flooring systems provided that the surface temperature of the system does not exceed 90 degrees F. Before installing resilient products over newly constructed radiant heating systems, the system should be operated at maximum capacity to force any residual moisture from the cementitious topping of the radiant heating system. The thermostat should then be set to a comfortable room temperature for the installation.

The resilient flooring, adhesives and installation accessories should be conditioned to the job site temperature before beginning the installation.

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