

GUIDE SPECIFICATION

Manufacturer:
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SECTION 096516 RESILIENT SHEET FLOORING

This guide specification has been prepared by L'AIR International, in editable format, as an aid to specifiers in preparing written construction documents for resilient sheet flooring (Marley) to be installed over modular, resilient (sprung or suspended) flooring for dance, theatre, athletics and acoustical isolation.

Edit entire master to suit project requirements. Modify or add items as necessary. Delete items which are not applicable. Words and sentences within brackets [_____] reflect a choice to be made regarding inclusion or exclusion of a particular item or statement. Editor notes to guide the specifier are included between lines of asterisks to assist in choices to be made. Remove these notes before final printing of specification.

This guide specification is written around the Construction Specifications Institute (CSI), Section Format standards references to section names and numbers are based on Master Format 2012.

For specification assistance on specific product applications, please contact our offices above.

L'Air International reserves the right to modify these guide specifications at any time. Updates to this guide specification will be posted to the manufacturer's web site and/or in printed matter as they occur. L'AIR International makes no expressed or implied warranties regarding content, errors, or omissions in the information presented.

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
 - A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

- 1.2 SUMMARY
 - A. Section Includes:
 - 1. Vinyl sheet floor covering.

If project owner is seeking LEED certification, retain applicable submittals in paragraph below.

- 1.3 SUBMITTALS
 - A. Product Data: For each type of product indicated.
 - B. Shop Drawings: For each type of floor covering. Include floor covering layouts, locations of seams, edges, columns, doorways, enclosing partitions, built-in furniture, cabinets, and cutouts.
 - 1. Show details of special patterns.
 - C. Samples for Selection: For each type of floor covering indicated.
 - D. Sustainable Submittals:

1. Product data for adhesives, including printed statement of VOC content.
2. Product data for flooring compliant with FloorScore standard.
3. Product data for products having recycled content, documentation indicating percentages by weight of postconsumer and pre consumer recycled content
4. Product certificates for products and materials required to comply with requirements for regional materials, certificates indicating location of material manufacturer and point of extraction, harvest, or recovery for each raw material. Include statement indicating distance to Project, cost for each regional material, and fraction by weight that is considered regional.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: A qualified installer who employs workers for this Project who are competent in techniques required by manufacturer for floor covering installation and seaming method indicated.
1. Engage an installer who employs workers for this Project who are trained or certified by floor covering manufacturer for installation techniques required.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store floor coverings and installation materials in dry spaces protected from the weather, with ambient temperatures maintained within range recommended by manufacturer, but not less than 50 deg F or more than 90 deg F. Store rolls upright.

1.6 PROJECT CONDITIONS

- A. Maintain ambient temperatures within range recommended by manufacturer, but not less than 75 deg F or more than 85 deg F, in spaces to receive floor coverings during the following time periods:
1. 48 hours before installation.
 2. During installation.
 3. 48 hours after installation.
- B. Until Substantial Completion, maintain ambient temperatures within range recommended by manufacturer, but not less than 75 deg F or more than 95 deg F.
- C. Close spaces to traffic during floor covering installation.
- D. Close spaces to traffic for 48 hours after floor covering installation.
- E. Install floor coverings after other finishing operations, including painting, have been completed.

1.7 EXTRA MATERIALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Floor Covering: Furnish quantity not less than 2% in roll form and in full roll width for each color, pattern, and type of floor covering installed.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURER AND PRODUCT

- A. L'AIR DanceVinyl (Marley) as distributed by L'AIR International, 117 Vacek Street, Fort Worth, TX, 76107-1908 USA; 817. 237.9390 x1 voice; 817. 237.9407 Email: info@lairfloors.com.
- B. Description: Sheet vinyl flooring specifically designed for dance flooring applications, smooth surfaced, formulated to provide maximum resistant to general abuse and most chemicals.
- C. Sheet Vinyl Flooring with Backing: ASTM F 1303.
1. Type (Binder Content): Type I, minimum binder content of 90 percent.
 2. Wear-Layer Thickness: Grade 1.
 3. Overall Thickness: 0.080 inch (2.0 mm).
 4. Backing Class: Class B (nonfoamed plastic).
- D. Floor Score Certified to SCS-EC10.2-2007.
- E. Seaming Method: Heat welded.
- F. Traffic-Surface Texture: Smooth.
- G. Roll Size: Not less than 6 feet wide by 60 feet (18.29 M) long by 250 lbs.
- H. Available Colors: Gray matte and black matte.

2.2 INSTALLATION MATERIALS

- A. Trowelable Leveling and Patching Compounds for Subfloor: Latex-modified, portland cement based or blended hydraulic-cement-based formulation provided or approved by manufacturer for applications

- indicated.
- B. Adhesives: Water-resistant type recommended by manufacturer to suit floor covering and substrate conditions indicated.
 - 1. Use adhesives that have a VOC content of not more than 50 g/L when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- C. Seamless-Installation Accessories:
 - 1. Heat-Welding Bead: Manufacturer's solid-strand product for heat welding seams.
 - a. Color: Match floor covering.
 - b. Chemical seam weld

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, with Installer present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of floor coverings.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Prepare substrates according to manufacturer's written instructions to ensure adhesion of floor coverings.
- B. Fill cracks, holes, and depressions in substrates with troweled leveling and patching compound and remove bumps and ridges to produce a uniform and smooth substrate.
- C. Do not install floor coverings until they are same temperature as space where they are to be installed.
 - 1. Move floor coverings and installation materials into spaces where they will be installed at least 48 hours in advance of installation.
- D. Sweep and vacuum clean substrates to be covered by floor coverings immediately before installation.

3.3 SHEET FLOORING (DANCEVINYL / MARLEY) INSTALLATION

- A. Unroll sheet flooring and allow it to stabilize before cutting and fitting.
- B. Lay out sheet flooring as follows:
 - 1. Maintain uniformity of flooring direction.
 - 2. Minimize number of seams; place seams in inconspicuous and low-traffic areas, at least 6 inches away from parallel joints in flooring substrates.
 - 3. Match edges of flooring for color shading at seams.
 - 4. Locate seams per approved Shop Drawings.
- C. Adhered Flooring: Adhere products to substrates using a full spread of adhesive applied to substrate to comply with adhesive and flooring manufacturers' written instructions, including those for trowel notching, adhesive mixing, and adhesive open and working times.
 - 1. Provide completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections.
- D. Flooring Seams: Prepare and finish seams to produce surfaces flush with adjoining flooring surfaces.
 - 1. Heat-Welded Seams: Comply with ASTM F 1516. Rout joints and use welding bead to permanently fuse sections into a seamless flooring.
 - 2. Chemically Welded Seams: Use tube seam weld to permanently fuse section into a seamless flooring.

3.4 CLEANING AND PROTECTION

- A. Comply with manufacturer's written instructions for cleaning and protection of floor coverings.
- B. Perform the following operations immediately after completing floor covering installation:
 - 1. Remove adhesive and other blemishes from floor covering surfaces.
 - 2. Sweep and vacuum floor coverings thoroughly.
 - 3. Damp-mop floor coverings to remove marks and soil.
- C. Protect floor coverings from marks, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period.
- D. Cover floor coverings until Substantial Completion.

END OF SECTION