

## **MFR: CONGOLEUM CORPORATION**

CODE: 09650/COM-BuyLine 1787

PRODUCT: Vinyl Composition Floor Tile, Choices™ and Alternatives™ For Commercial Application

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**Choices and Alternatives, standard priced vinyl composition tile, are ideally suited for all commercial applications. Choices and Alternatives are long-wearing and designed to stand up to heavy traffic.**

- Broad Range of Commercial Colorations
- Meets Reference Specifications:
  - ASTM F 1066, Comp. 1, Class 2
  - SS-T-312b, Type IV, Comp. 1
  - MIL STD - 1623D for Deck Covering
- Designed for Long Wear in Heavy Traffic Areas
- Resists Abrasions and Cigarette Burns
- Tile Size: 12" x 12"
- Gauge: 1/8"
- Available in 26 Colorations

### Choices

CH-12 Stone White

CH-14 Light Pebble Beige

CH-17 Antique White

CH-31 Steel

CH-41 Light Earthen Taupe

CH-47 Mushroom

### Alternatives

AL-11 Pearl

AL-15 Heathered Rose

AL-16 White/Coral Clay

AL-18 White/Seafoam

AL-19 White/Coastal

AL-21 Ebony

AL-33 Iron Gray

AL-35 Heathered Blue/Rose

AL-43 Mushroom

AL-44 Earthen Taupe

AL-45 Light Renaissance Rose

AL-49 Heathered Blue/Mocha

AL-50 Plummit

AL-52 Wine

AL-54 Deep Renaissance Rose

AL-61 Coral Clay

AL-80 Light Berry Blossom

AL-81 Deep Seafoam  
AL-89 Teal/Plum  
AL-91 Deep Coastal

## ARCHITECTURAL SPECIFICATIONS

### PART 1 - GENERAL

- 1.01 This section shall conform and be complimentary to the drawings and general provisions of the contract, including General and Supplementary Conditions and other Division 1 specification sections. in no way shall any part of this section alter or waive any part of those conditions.
- 1.02 Scope of work covered by this section is all work shown on the plans or reasonably inferred therefrom for the complete installation of resilient flooring.
- 1.03 Provide each type of resilient flooring and accessories as produced by a single manufacturer, including recommended primers, adhesives, sealant, and leveling compounds.
- 1.04 SUBMITTALS:
- A. For initial selection of colors and patterns submit, prior to above, samples in form of actual sections of resilient flooring, including accessories, showing full range of colors and patterns available, for each type of resilient flooring required.
  - B. Submit 6 copies of manufacturer's recommended maintenance practices for each type of resilient flooring and accessories required.
  - C. After completion of work, submit replacement materials from same manufactured lot as materials installed, as follows:
  - D. For tile flooring, one box for each 50 boxes or fraction thereof, for each type, size, and color installed.

### PART 2 - PRODUCTS

#### 2.01 ACCEPTABLE MANUFACTURERS:

Subject to compliance with requirements, manufacturers offering products which may be incorporated in the work include the following:

##### Vinyl Composition Floor Tile

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#### 2.02 MATERIALS:

##### A. Vinyl composition Floor Tile

Choices, Alternatives, Selections and Special Effects non-asbestos vinyl composition floor tiles in 1/8" gauge. Base and accent color extend through the thickness of the product. All

tiles are 12" x 12" and packed 45 sq. ft. per carton with an approximate weight of 63 lb.

**B. Standards**

Applicable Standards:

- ASTM F 1066, Composition 1, Class 2
- SS-T-312b, Type IV, Composition 1
- MIL STD-1623D for Deck Covering (Choices, Alternatives only)

Fire Test Data:

- ASTM E 648; NFPA-253; Critical Radiant Flux - 0.45 watts/cm<sup>2</sup> or greater
- ASTM E 662; NFPA-258; NBS Smoke Density - 450 or less

Recommended Load Limit:

- 125 psi

**C. Colors and Patterns**

Choices, Alternatives, Selections or Special Effects color number \_\_\_\_\_ (give color number).

**D. Adhesives**

Provide Congoleum AD-42 Clear Thin-Spread Adhesive.

**E. Leveling Compound**

Portland cement-latex patching compound.

**PART 3 - EXECUTION**

**3.01 PREPARATION**

- A. The subfloor surface must be clean, dry, smooth, level, structurally sound, and free of extraneous materials including grease, wax, paint, and adhesive residue.
- B. Fill cracks, holes, and uneven areas with a portland cement-latex patching compound. Gypsum-based compounds and underlayments are not recommended by Congoleum for commercial flooring applications.
- C. Concrete floors should be constructed, finished, and cured in accordance with the American Concrete institute (ACI) 302 "Guide for Concrete Floor and Slab Construction," Class 2 or 4, and have a minimum compressive strength of 3500 PSI. On- and below-grade concrete floors must be constructed with an effective moisture barrier. Conduct moisture tests to determine if concrete floors are sufficiently dry prior to installation. Allow new concrete to dry for at least 6 weeks before conducting moisture test.
- D. Wood floors must be double-layer construction, a minimum 1" (25.6 mm) thick with at least 18" (457 mm) of well-ventilated air space below structural supports.

Veneer plywood panels with the American Plywood Association (APA) trademark which include one of the following grade designations are suitable underlayments for resilient flooring: underlayment, underlayment A-C or B-C or C-C plugged, and C-C plugged exterior. Underlayment for resilient flooring must have a fully sanded surface and an exposure 1 or exterior exposure rating. Install APA-rated underlayment following the procedures outlined in the brochure titled "*Installation and Preparation of Plywood Underlayment for Thin Resilient*

*(Non-Textile) Flooring"* (APA Form L335F).

- E. Vinyl composition tile may also be installed over properly prepared metal, terrazzo, ceramic tile, marble, and qualifying non-cushioned sheet vinyl or tile. For detailed information, refer to the brochure titled, "*Congoleum Commercial Flooring Manual*" (M2483).

### 3.02 JOB CONDITIONS:

- A. Maintain minimum temperature of 68° F in spaces to receive resilient flooring for at least 48 hours prior to installation, during installation, and for not less than 48 hours after installation. Store resilient flooring materials in spaces where they will be installed for at least 48 hours before beginning installation. Subsequently, maintain minimum temperature of 55° F in areas where work is completed.
- B. Install resilient flooring and accessories after other finishing operations, including painting, have been completed.

### 3.03 INSTALLATION:

Refer to Congoleum Commercial Flooring Installation Manual (M2483) for complete detailed installation and subfloor recommendations.

- A. Install Congoleum vinyl composition tile over all properly prepared subfloors with Congoleum AD-42 Clear Thin-Spread Adhesive. Install tile from the same lot number in each room and adjoining area(s). Mix tiles of the same color from several different cartons to avoid shading. For best appearance, turn alternating tile 90° when installing a single color or style.
- B. Avoid rolling loads and heavy traffic until tile is seated (minimum 48 hours). Thereafter, use plywood or hardboard to protect the floor when returning or moving furniture, appliances, or equipment.

### 3.04 CLEANING AND PROTECTION

#### A. Initial Maintenance:

1. Allow adhesive to dry a minimum of 48 hours before washing or waxing the floor.
2. Remove scuffs and adhesive smears with a neutral cleaner as recommended by Congoleum.
3. Damp-mop with a dilute solution of Congoleum Commercial No-Rinse Cleaner and rinse with water. Avoid flooding the floor.
4. Allow floor to dry and apply three to five thin coats of Congoleum Commercial Floor Polish following all label instructions. Five coats are recommended in medium to heavy commercial applications.
5. Protect the floor with heavy kraft paper like FortiFiber Seekure® on construction sites where other trades are active. DO NOT USE ASPHALT SATURATED FELT OR PAPER.

#### B. Regular Maintenance

1. Vacuum, sweep, or dust with an untreated mop, daily, to remove loose dirt and grit. Do not

use sweeping compounds or oil treated mops.

2. Damp-mop floor regularly with a dilute solution of Congoleum No-Rinse Cleaner following label instructions. To remove heavy soil use a slow speed floor machine equipped with a medium-grade, natural fiber scrubbing brush and a concentrated cleaner. Rinse floor after scrubbing.
3. To refurbish and restore the gloss, clean the floor and spray buff with a high speed floor machine (1000 to 1500 RPM) equipped with a white, tan, or red-colored buffing pad. A dilute solution (1 part polish/2 parts water) can be used for spray buffing.
4. After repeated spray buffing operations, additional coats of polish must be applied.

#### C. Periodic Maintenance

1. Periodically, once or twice a year or as needed, strip the floor polish to avoid buildup.
2. Use a floor machine (170 to 330 RPM) equipped with a blue or green pad of a natural fiber, medium-grade scrubbing brush and a liquid stripping solution such as Congoleum Stripper/Polish Remover following label instructions.
3. Use a wet/dry vacuum to remove the residual polish and stripping solution.
4. Rinse the floor thoroughly with a clean mop, changing water frequently. Allow to dry.
5. Re-apply two to five thin coats of floor polish.

END OF RESILIENT TILE FLOORING SECTION

#### WARRANTY

Product will have a 5-Year Limited Warranty against manufacturing defects.