

MFR: CONGOLEUM CORPORATION

CODE: 09650/COM-BuyLine 1787

PRODUCT: Sheet Vinyl Flooring, Flor-Ever® and Endurance®

CONTACT: P.O. Box 3127

Mercerville, NJ 08619

Phone 609-584-3000

FAX 609-584-3518

Flor-Ever is a commercial-grade no-wax sheet vinyl flooring with an extra thick, stain-resistant wearlayer. Endurance provides the same rugged durability, features and benefits as Flor-Ever but is styled for the more residential applications.

- Meets Reference Specifications:
 - ASTM F 1303-90, Type I, Grade 1
 - L-F-001641(2), Type III, Class 1;
- CHROMABOND Wearlayer for Superior Stain Resistance and Easy Maintenance
- BAC STOP Mildew Protection Guards Against Discoloration from Mildew
- 12-Foot Widths
- Gauge:
 - 0.085" (2.18 mm) overall
 - 0.025" (0.64 mm) wearlayer
- Available in 9 Designs and 43 Colorations

Flor-Ever

Seascape®

50050 Wheat

50053 Smoke

50055 White/Dusty Mauve

50056 White

50057 White/Blue

50058 Sand

50059 Steel

50060 Teal/Purple Haze

50061 Plummit/Teal

50062 Pebble/Providence Blue

50063 Kraft/Taupe

50064 Renaissance Rose

50065 Taupe/Clay

50066 Dusty Meadow

Marble™

50000 Light Beige

50003 Oyster White

50008 White

50009 Gray

50011 Russet

50012 Blue

Endurance

Society Hill™

19005 Fruitwood
19006 Light Oak
Atrium™
19011 Bisque
19012 Goldenrod
19013 White
19014 Sandstone
Court Stone®
19015 Greystone
19016 Sandstone
Treasure™
19040 Rosewood
19041 Swedish blue
19042 Almond
19043 Black
Royal Travertine™
19055 Beige/Taupe
19056 Blue Platinum
19057 Ash Peach
19058 Light Muslin
19059 Raintree
Carillon®
19065 Light Denim
19066 Ash Rose
19067 Light Kraft
19068 White Pebble
19069 Light Silver Aspen

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:

For sheet flooring, 10 square yards for each type, pattern, 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:

Commercial Sheet Vinyl Flooring

Congoleum Corporation, PO Box 3127, Mercerville, NJ 08619
Phone: (609) 584-3000, FAX: (609) 584-3518

A. Commercial Sheet Vinyl Flooring

Flor-Ever® Commercial Sheet Vinyl Flooring/Endurance Vinyl Flooring commercial grade sheet vinyl flooring with a translucent vinyl wearlayer minimum of .025", a cushion of high-density vinyl foam, a backing of White Shield filled fibrous composition with BAC STOP Mildew Protection, and an overall thickness of .085".

B. Standards

Applicable Standards:

- ASTM F 1303-90, Type1, Grade 1
- L-F-001641(2) Type III, Class 1

Fire Test Data:

- ASTM E 648; NFPA-253; Critical Radiant Flux - 0.45 watts/cm² or greater
- ASTM E 662; NFPA-258; NBS Smoke Density - 450 or less

Recommended Load Limit:

- 100 psi

C. Colors and Patterns

Flor-Ever/Endurance color number _____ (give color number).

D. Adhesives

Provide Congoleum 3044 Commercial Flooring Adhesive and SU80 or SU92 Seam Sealer.

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. Flor-Ever and Endurance may also be installed over properly prepared metal, terrazzo, and approved subfloors covered with qualifying sheet vinyl or tile. For detailed information, on approved subfloors and preparation, 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. Flor-Ever and Endurance are installed by the conventional fully adhered installation procedure using Congoleum 3044 Commercial Flooring Adhesive. Since these floors are manufactured in wide widths, seaming is virtually eliminated in corridors and hallways and significantly reduce elsewhere. When seams are required, they are double-cut and chemically sealed with Congoleum SU80 or SU92 Seam Sealer
- 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 And Repair Maintenance:

1. Allow adhesive and seam sealer to dry a minimum of 48 hours before washing the floor.
2. Vacuum, sweep, or dust daily with an untreated mop to remove loose dirt and grit.
3. Damp-mop regularly with a dilute solution of Congoleum Commercial No-Rinse Cleaner and water. Use a more concentrated solution of Congoleum No-Rinse Cleaner, following all label instructions, for heavily soiled floors. Rinsing may be necessary to remove heavy soil.
4. To refurbish and restore the gloss, clean the floor thoroughly and spray buff with a low speed machine (170 to 600 RPM) equipped with a white buffing pad. A dilute solution (1 part polish/2parts water) can be used for spray buffing.

B. Polishing For Added Protection:

Floor polish will provide additional protection in areas of high traffic.

1. Thoroughly clean and rinse the floor. Allow to dry.
2. Apply two to five coats of floor polish. Spray buff occasionally to restore the gloss.
3. After repeated spray buffing operations, additional coats of polish should be applied.
4. Periodically, once or twice a year or as needed, strip floor polish to avoid buildup. Use a floor machine (170 to 330 RPM) equipped with a tan or red pad and a liquid stripping solution such as Congoleum Stripper/Polish Remover. Use a wet/dry vacuum to remove the residual polish and stripping solution.
5. Rinse the floor thoroughly with a clean mop, changing water frequently. Allow to dry.
6. Re-apply two to five coats of floor polish.
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 SHEET VINYL FLOOR COVERINGS SECTION

WARRANTY

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