



1. Product Name

- Eminent Homogeneous Sheet Flooring
- Granit Homogeneous Sheet Flooring
- Optima Homogeneous Sheet Flooring
- Safe-T Sheet Homogeneous Sheet Flooring
- Stone Homogeneous Tile Flooring

2. Manufacturer

Tarkett USA, Inc.
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3. Product Description

BASIC USE

Tarkett sheet/tile flooring products are designed for heavy commercial interiors and feature extreme durability combined with easy maintenance.

Recommended areas of use include:

- Education - Classrooms, corridors, multipurpose rooms, gymnasiums, laboratories, cafeterias
- Offices - Break rooms, offices, corridors, cafeterias, lavatories
- Retail - Sales areas, offices
- Healthcare - Patient rooms, exam rooms, lobbies, corridors, operating rooms, emergency rooms, critical care, laboratories
- Hospitality - Corridors, bathrooms, vending areas, lobbies

COMPOSITION & MATERIALS

Tarkett Specialty Homogeneous Sheet Flooring (Eminent, Granit, Optima and Safe-T Sheet), and Homogeneous Tile Flooring (Stone), is composed of a 0.080" (2 mm) reinforced wearlayer containing 50% or more binder content that is urethane reinforced to eliminate the use of polish or waxes throughout the lifecycle of the product.

Safe-T Sheet features a slip retardant particulate suspended evenly throughout the product thickness and a camouflage weld thread for seaming.

SIZES

Eminent, Granit, and Optima are available in a 6' 6" (2 m) wide roll or 19 11/16" tiles. Stone comes in 19 11/16" x 19 11/16" (500 x 500 mm) tiles. Safe-T Sheet is available in 6'6" (2m) wide rolls

COLORS

- Eminent is available in 26 colors
- Granit is available in 24 colors
- Optima is available in 37 colors
- Safe-T Sheet is available in 10 colors, roll only
- Stone is available in 2 colors, tile only

LIMITATIONS

Tarkett homogeneous products are not suitable for concrete substrates where excessive moisture, hydrostatic pressure or alkaline conditions exist.

Concrete floors containing curing agents, sealers or hardeners are not suitable. Do not install over gypsum base underlayment or patching compounds.

Material should not be installed over obvious underlayment and substrate imperfections, even if those conditions are not listed in the paragraph above.

4. Technical Data

APPLICABLE STANDARDS

- ASTM International
- ASTM D2047 Standard Test Method for Static Coefficient of Friction of Polish- Coated Floor Surfaces as Measured by the James Machine
- ASTM E648 Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source
- ASTM E662 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials
- ASTM F1700 Standard Specification for Solid Vinyl Floor Tile
- ASTM F970 Standard Test Method for Static Load Limit

- ASTM F1516 Standard Practice for Sealing Seams of Resilient Flooring Products by the Heat Weld Method
- ASTM F1913 Standard Specification for Vinyl Sheet Floor Covering Without Backing
- ASTM F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride
- ASTM F1678 Standard Test Method for using a Portable Articulated Strut Slip Tester (PAST) American Concrete Institute (ACI) - 302.1 R-96: Guide for Concrete Floor and Slab Construction

APPROVALS

Complies with HUD/FHA Minimum Property Standards. Contact manufacturer for information on product approvals.

PHYSICAL/CHEMICAL PROPERTIES

- Eminent, Granit, Optima, Safe-T Sheet and Stone- ASTM F1913
- Exceeds minimum ADA requirements of 0.6 (Safe-T Sheet 0.8) static coefficient of friction per ASTM F1678 & ASTM D2047
- Static load limit per modified ASTM F970- 800 psi (5512 kPa)

FIRE PERFORMANCE

- Flooring Radiant Panel Test (ASTM E648) - Class 1
- Smoke Density Test (ASTM E662) - Less than 450

Test reports and additional product information are available upon request.

5. Installation

PREPARATORY WORK

Refer to the latest edition of the Tarkett Specialty Commercial Installation and Maintenance Manual for complete information. Handle and store product according to Tarkett recommendations. Construct concrete floors in accordance with the American Concrete Institute (ACI) 302.1 R-96 Guide for Concrete Floor and Slab Construction. Floors must be finished and cured according to ACI with a minimum compressive strength of 3500 psi (24 MPa).

Floors must be dry, clean and smooth. Any surface materials such as paint, wax, grease, oil, adhesive residues, etc., must be removed. Floors must be free of any sealers, curing, hardening or parting compounds that would adversely affect the adhesive used with the flooring. Installation of a moisture barrier, such as 1/8" (3.2 mm) Sealtight^a, manufactured by W.R. Meadows Inc., or similar product, is recommended prior to placement of on-grade or below-grade slabs. Moisture vapor transmission must not exceed 3 lb/1000 sq ft/24 hours when tested according to ASTM F1869 (Anhydrous Calcium Chloride Test). Surface pH of concrete slabs should be no greater than 9. As a general rule, a 4" (102 mm) thick slab will require a 3 month drying time before moisture tests are performed.

METHODS

Wood floors must be double construction with a minimum thickness of 1" (25.4 mm). The top layer of wood should be American Plywood Association (APA) Underlayment Grade Plywood or other underlayment panel recommended for use beneath resilient flooring (all warranties for the underlayment are with the manufacturer).

Maintain room temperature, adhesive and flooring material at 70 degrees F (21 degrees C) for 48 hours before, during and after installation. For best color match on installation requiring more than 1 roll, be sure rolls to be used in same area are of the same register number. Install rolls in numerical order according to sequence number. Reverse alternate sheets during installation.

Adhere flooring with VinylBond Solvent-Free Adhesive. Apply adhesive with a 1/32" deep x 1/16" wide x 1/32" apart-notched trowel.

Material installed under heavy dynamic or static loads will require the use of a specialized firm setting adhesive, Tarkett 940 Polyurethane is recommended for these areas. Further details are available from Tarkett.

Underscribe seams. Rout seams with a Tarkett Specialty hand router or an electric router. Heat weld with

matching 4 mm Tarkett vinyl welding thread.

PRECAUTIONS

Gypsum type patching compounds and underlayments are not recommended. Tarkett will not accept responsibility for flooring failures related to the use of gypsum type patching compounds or underlayments.

6. Availability & Cost

AVAILABILITY

These products are marketed throughout the United States, Canada and many foreign countries. Contact manufacturer for information on local availability.

COST

- Eminent - # \$3.25 to \$4.00
- Granit - \$3.00 to \$3.75
- Optima - \$2.75 to \$3.50
- Safe-T Sheet - \$3.50 to \$4.25
- Stone- \$3.75 to \$4.50

Costs may vary due to competitive bidding depending on local labor costs, job conditions, extent of floor preparation, etc. Budget installed cost information may also be obtained from a local Tarkett Specialty distributor or from the manufacturer.

7. Warranty

Tarkett Specialty products are warranted to be free of manufacturing defects for 5 years from installation. Refer to the Tarkett Specialty Commercial Products Limited Warranty.

8. Maintenance

CLEANUP

Sweep or vacuum to remove loose dirt. Allow treated mops to dry overnight before reusing. Wash floor with a neutral floor cleaner. Rinse the floor with clean water and wet vacuum or mop dry. The floor must be thoroughly rinsed to remove all detergent. When required, scrub the flooring with a standard scrubbing machine or an automatic scrubber equipped with a red scrubbing pad. Use mineral spirits to remove adhesive residue or stubborn dirt.

Surface Treatment

For Optima Granit, Eminent and Stone, restore the natural nonglare

finish by dry buffing the floor with a white buffing pad on a high speed floor machine (1500 rpm maximum). However, if a higher gloss is desired, flooring may be spray buffed. Polish should be checked for compatibility with the floor covering. Such coatings shall be applied and maintained according to the instructions of their manufacturer.

Note- Stop dirt in the doorway. By doing so, time, work and money are saved. The use of non-staining walk-off mats at all heavy traffic entrances is recommended. Mats should wipe dirt and grit from shoes and allow particles to fall beneath the mat surface, preventing accumulated dirt from being tracked into the building.

Frequency of maintenance will always vary depending on the traffic and use. Use Tarkett Commercial maintenance products or their equivalent.

Spot Removal

Spills and spots should be cleaned up while they are still fresh. Use a red polyester pad moistened with detergent.

Precautions

Do not use acetone or similar materials to clean floors. Furniture rests, cart wheels and tires should be made of soft, non-staining rubber and should be large enough to fully dissipate the load. Special hard set adhesives are required in areas where heavy static or dynamic loads will occur. Use plywood panels to protect flooring from damage that may occur when moving heavy objects directly over flooring. The use of dollies may not be sufficient protection from heavy loads. A detailed maintenance manual is available from Tarkett.

9. Technical Services

A staff of factory trained service personnel offers technical support. For technical assistance, contact the Tarkett Commercial Installation Service Department. Specifiers can call Speed Swatch at (800) 225-6500 for samples of flooring, additional product information and guide specifications.

10. Filing Systems

- Sweet's Catalog Files

- Additional product information is available from the manufacturer upon request.