

10 reasons to choose Marmoleum Composition Tile (MCT) over Vinyl Composition Tile (VCT)



1. Guaranteed low initial installed cost of \$2.95-3.75 ft²
2. Guaranteed Sustain 1195 adhesive solution resists up to 95% concrete moisture RH (10 lbs. MVE) and 11 pH
3. 30-year system service life
 - double the system service life of VCT
4. Clean and Go – no initial maintenance required with renewable Topshield 2 occupancy ready factory finish providing a low cost of ownership.
 - Requiring no costly stripping and recoating over its life that VCT does.
5. 10 times the indentation resistance of VCT
6. Improved classroom acoustics when compared to VCT or Stained Concrete
7. Seams that won't shrink open over time like VCT's
8. Naturally healthy floor
 - Mitigates mold risk
 - Naturally PVC and phthalate free
 - Naturally combats MRSA and other strains of bacteria, unlike the open seams of VCT that provide a breeding ground for bacteria/fungi to grow.
9. Dedicated Forbo project support and risk mitigation with "No Punch/Zero Failure" program**
10. Certified to the Triple Bottom Line:
 - Publicly available 3rd Party verified Environmental Product Declaration EPS
 - Publicly available Health Product Declaration (HPD)
 - Contributes to several LEED® v2009 and LEED® v4 credits
 - USDA Certified 100% biobased
 - Sustainable Product Certification
 - i. Platinum Certified under the SMART Sustainable Product Standard
 - Meets the California CHPS 01350 for IEQ
 - Manufactured in an ISO 9001 and 14001 certified facility
 - No chlorine gas release during fire
 - Investing in the local economy with installation training
 - IEQ compliant adhesives
 - The most LCA based certifications of any resilient flooring product



MCT
marmoleum® composition tile
certified sustainable tile



1-800-842-7839
www.forboflooringNA.com

*visit website for pricing guarantee **contact your local Forbo Rep to find out more

1. PRODUCT NAME / MANUFACTURER

- 1.1. Product: Marmoleum® Composition Tile (MCT) Linoleum Resilient Floor Covering
- 1.2. Manufacturer:
 Forbo Flooring, Inc.
 Humboldt Industrial Park
 Hazleton, PA 18202
 Phone: (800) 842-7839
 (570) 459-0771
 Fax: (570) 450-0258
 www.forboflooringNA.com

1.3. Product Description:

Construction: MCT is a homogeneous floor covering made of primarily natural materials consisting of linseed oil, wood flour, rosin binders, dry pigments mixed and calendared onto a polyester backing to ensure optimum dimensional stability. Topshield™ finish: This innovative, water-based finish is the biggest breakthrough in linoleum in many years. Topshield™ considerably reduces the need for cleaning and maintenance, ensuring lower costs and a better appearance.



Physical Characteristics: (dimensions are approximate)

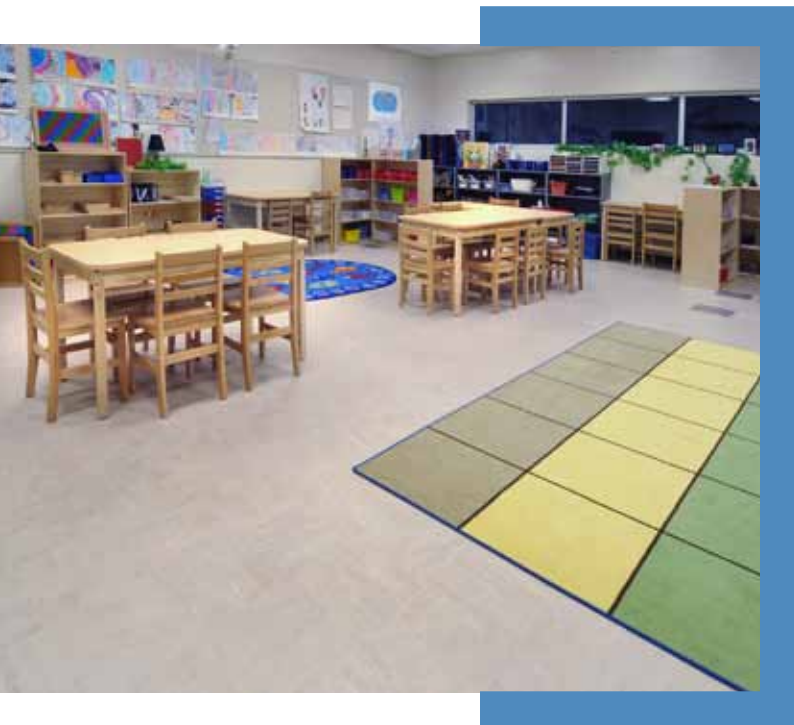
- Size.....13" x 13" approx. (33 cm x 33 cm)
- Gauge.....0.080" (2.0 mm)
- Backing.....Polyester
- Packaging..... 45 tiles (53.82 ft², 5 m²) 13" x 13" tiles, 2.0 mm

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

Reference Specification:

ASTM F2195 Standard Specification for Linoleum Tile Flooring
 MCT meets or exceeds all technical requirements as set forth in this reference specification

- 2.1 Static Load Limit:
 1500 Pounds per square inch when tested in accordance with ASTM F 970, Standard Test Method for Static Load Limit.
- 2.2 Slip Resistance:
 MCT meets or exceeds A.D.A. recommendations of .6 for flat surfaces when tested in accordance with ASTM D 2047.
- 2.3 Castor Resistance:
 EN 425: Suitable for office chairs with castors
- 2.4 Impact Sound Reduction:
 6db when tested in accordance with ISO 20717-2
 Contact Forbo Technical Services for additional information.
- 2.5 Resistance to Bacteria:
 MCT provides a self-sanitizing quality in the form of a bactericidal effect. Tests indicate that Marmoleum® Composition Tile has a sterile zone around the material, inhibiting contaminants such as staphylococcus aureas.
- 2.6 Fire Testing:
 ASTM E 662/NFPA 258 (Smoke Density)-450 or less
 ASTM E 648/NFPA 253 (Critical Radiant Flux)-Class 1
 ASTM E 84 – Class C
 CAN/UCL - S 102.2 - M88 Flame Spread Rating and Smoke
- 2.7 Cigarette Resistance:
 MCT resists cigarette burns. Burning cigarettes will leave only a brown mark, which can be rubbed out using steel wool or a scouring pad.
- 2.8 Chemical Resistance: (Exposure time 1 hour)
 - Diluted Acids – Sulfuric, Nitric, Hydrochloric, Acetic, Lactic, Citric..... No Effect
 - Sodium HydroxideSoftening
 - Ammonia..... Poss Softening
 - Soda Solution, Soap Solution (Slightly Alkaline) No Effect
 - Gasoline, White Spirit, Paraffin, Benzene, Toluene, Methyl Alcohol, Methyl Ethyl Ketone, Ethyl Acetate, Ether, Acetone..... Poss Softening
 - Mineral Oil, Vegetable Oil, Animal Fat..... No Effect
 - Blood, Urine, Excrement..... No Effect
 - Lipstick No Effect
 - Formaldehyde, Hydrogen Peroxide 3%..... No Effect
 - Hot Chili Paste, Shoe Polish, Iodine..... Staining
 - Betadine..... Staining
 - Silver Nitrate..... Staining/Poss Softening
 - Bitumen No Effect
 - Methylene Blue Staining
 - Salt Water No Effect
- 2.9 Sustainable Platinum Certified to the Market Transformation to Sustainability (MTS) SMART Sustainable Product Standard



Tested in accordance with ASTM F 925, Standard Test Method for Resistance to Chemicals of Resilient Flooring

** MCT is NOT resistant to prolonged exposure to high alkalis.