



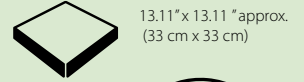
River Ridge Academy | Bluffton, SC | Photographer: Fred Gerlich

# MCT



## essentials | elementals

- Guaranteed installed cost of \$3.50-3.95 ft<sup>2</sup> \*
- Clean and Go – no initial maintenance required with renewable Topshield 2 occupancy-ready factory finish, providing a low cost of ownership and 30-year system service life
- Naturally healthy floor mitigates mold risk and is naturally PVC, phthalate, and styrene free
- 37 versatile colors available in 13" x 13" approx. (33cm x 33cm) | 2.0mm tile



contributes to LEED® credits



## MCT essentials

MCT-3050 white birch	MCT-607 white marble	MCT-3120 rosato	MCT-3136 concrete
MCT-707 barley	MCT-795 butter	MCT-3125 golden sunset	MCT-3847 golden saffron
MCT-3141himalaya	MCT-3888 stone	MCT-621 dove grey	MCT-3075 shell
MCT-3233 shitake	MCT-3243 stucco rose	MCT-3203 henna	MCT-3127 bleeckerstreet
MCT-3048 graphite	MCT-3252 sparrow	MCT-3235 tobacco leaf	MCT-3238 laguna
MCT-3055 fresco blue	MCT-3030 blue	MCT-629 eiger	MCT-2939 black
MCT-3224 chartreuse	MCT-3247 green	MCT-3222 jade	

## MCT elementals

MCT-3631 otter	MCT-3632 sealion	MCT-3653 sunflower	MCT-3655 orchid green
MCT-3629 frosty grey	MCT-3601 warm grey	MCT-3607 grey dusk	MCT-3630 angora
MCT-3654 poppy red	MCT-3656 bluebell		



Piedmont Newnan Hospital | Georgia, United States | Photographer: Fred Gerlich

## MCT is

- **MCT is durable.** Thanks to its natural ingredients, MCT gets more durable over time and features a 30-year System Service Life and a 30-year warranty. MCT's pattern extends throughout the thickness of the product, and its 59 mils wear layer is more than twice the thickness of premium LVT.
- **MCT is scratch resistance.** MCT is protected by TopShield<sup>2</sup>, a double UV cured, water-based finish that provides occupancy-ready, clean-and-go installation and is repairable. In addition to MCT's 30-year warranty, it also features an excellent 10-year no-finish warranty.
- **MCT is fully adhered to the substrate.** MCT is installed into semi-wet adhesive, ensuring a 100% bond to the substrate. This type of installation helps prevent damage from topical moisture, providing a physical barrier to the intrusion of maintenance chemicals. This secure type of installation also helps prevent damage caused by pivot point movements of casters.
- **MCT is dimensionally stable.** MCT is naturally plasticizer free and thus, is not impacted by the plasticizer migration that causes shrinkage in PVC products. When installed into "semi-wet adhesive," MCT seams remain tight for the life of the application.
- **MCT is cost-effective.** MCT with TopShield<sup>2</sup> delivers long-lasting appearance retention and provides the lowest cost of ownership flooring solution over its lifetime. MCT is engineered to withstand heavy foot traffic and has superior scuff and scratch resistance, coupled with the ability to repair the surface if damage occurs. These features, combined with a 10-year no-finish warranty, allows for an industry lowest cost of ownership\* (\*please view Forbo Cost of Ownership calculator).
- **MCT is PVC, Phthalate and Red List Free.** MCT does not contain PVC, Phthalates, or Styrene providing a safe and low emitting floor. MCT can help with LEED, Well, and ILF Living Building Challenge credits.

## LVT isn't

- **LVT isn't very durable.** LVT has a wide variety of wear layers ranging from 22 to 30 mils, and are mostly comprised of clear PVC or Polyurethane to protect the thin print film design. This renders the product non-repairable, with a System Service Life of only 15 years, and a typical warranty of 5 to 10 years.
- **LVT isn't scratch resistant.** All LVT's incorporate a non-repairable Polyurethane (PU) factory finish. Polyurethane factory finishes are dense, providing some stain-resistance, however this works against PU as floor finishes will not adhere. Normal PU is susceptible to micro-scratching and requires more frequent cleaning.
- **LVT isn't fully adhered to the substrate.** LVT is generally installed using "dry to the touch" adhesives, allowing for a 50% bond to the substrate at best. This type of installation system allows for topical moisture to easily penetrate, allowing maintenance chemicals to weaken the adhesive bond over time, and allowing moisture penetration under the floor, providing potential space for mold and mildew to develop.
- **LVT isn't dimensionally stable.** Most LVT's are PVC products with added plasticizers for flexibility. These plasticizers are engineered to escape the product over time, leaving LVT susceptible to shrinkage. Since LVT is installed in to "dry to the touch" adhesive, the intrusion of chemicals from maintenance can speed up the plasticizer migration, making the gaps in the seams show up sooner.
- **LVT isn't cost-effective.** LVT Polyurethane factory finishes are difficult, if not impossible, to repair without getting into traditional wax and strip cycles. LVT products that have incorporated scratch-resistant surfaces are generally rougher to the touch, resulting in more frequent cleaning. In order to apply floor finish to PU factory finishes, you must first destroy the factory finish by scrubbing with an aggressive pad and harsh chemicals. Once floor finish is applied, the cost of ownership of LVT is the same as VCT.
- **LVT isn't PVC, Phthalate and Red List Free.** Most LVT's are PVC based products many still using Phthalate plasticizers. Those listed as Phthalate free are only on the level above the print layer and may contain Phthalates in the backings recycled content. PVC Free LVT's have a much higher impact from a LCA standpoint due to excessive energy usage and high fossil fuel demands.

1-800-842-7839

[www.forboflooringNA.com](http://www.forboflooringNA.com) | [info.na@forbo.com](mailto:info.na@forbo.com)

creating better environments

ITEM#201488 V.1

**Forbo**

FLOORING SYSTEMS