

Purline Wineo

LEC

LOW-EMBODIED CARBON MATERIAL

PURLINE resilient flooring is made from bio-polyurethane, a high-performance composite material predominantly derived from vegetable oils such as rapeseed or castor oil and naturally occurring mineral components such as chalk. The flooring comes in various designs in sheet, tile and plank formats and requires no applied finish or coating. PURLINE is free of chloride, plasticizers, and solvents. This biobased product is a healthier alternative for LVT as it decreases the use of petrochemicals. Isocyanates still occur within the polyurethane processing method.

Per Windmoeller's product-specific EPD, this flooring system meets HML's criteria for low embodied carbon.



CATEGORY

Resilient, Biobased

MANUFACTURER

Windmoeller

MATERIAL COMPOSITION*

Filler: Limestone 45-59%; Polymer: biobased Polyurethane Foams 30-50%; Filler: Zeolite 1-5%; Flame Retardant: Aluminum Hydroxide 1-5%; Film former: Cellulose 1-2%; Structure component: Continuous Filament Glass Fiber 1-3%, PET 1-3%, Polypropylene 1-3%, Kaolin 1-2%; Pigment: undisclosed 0.5-1%, Titanium Dioxide 0-0.1%; Defoamer: White Mineral Oil 0.2-0.5%.

**as reported by the manufacturer*

AVAILABLE SIZING

available in planks, tiles, and rolls

COLORS

Available in over 150 designs

CERTIFICATIONS & DISCLOSURES

- Health Product Declaration (HPD)
- Declare Label
- Environmental Product Declaration (EPD)
- ~~Safety Data Sheet (SDS)~~
- ~~Other~~

LAST UPDATED

December 20, 2022

