



Construction: Eco-Forward Omni Construction with Sequentially Applied Cross-Linked Coatings
Wear Surface: UltraCLEAR™ High-Performance, Low-Gloss Protective Coating with Scotchgard protector, and Aluminum Oxide
Print: ChromaTRU™ Dimensional, High Fidelity Imaging
Base: CulturedSTONE™ Mineral Composite Core (MCC)
Nominal Overall Gauge: 0.160" (4 mm)

Pattern	ADI07, ALL07, AUS07, BER07, CAS07, CAT07, CHE07, CMB07, CUY07, FAR07, HUD07, LEX07, MON07, OZA07, PLY07, RAI07, SAL07, SHE07, SIE07, SPR07, WIL07, YOT07	ACA09, ASH09, HAM09, KLO09, LAF09, NOR09, OLY09, ORL09, STI09, SUM09, TAH09, TET09, VAN09, WIN09	BRO12, CAR12, EVE12, HAT12, JAM12, MES12, MOC12, NIA12, POR12, RUS12	CEN24, ELL24, EMP24, GAT24, GLA24, MAN24, PRI24, RIC24, TAC24, WHI24
Nominal Plank Size	7" x 48"	9" x 60"	12" x 24"	24" x 24"
Edges	Micro Bevel	Micro Bevel	Micro Bevel	Micro Bevel
Pieces Per carton	10	8	12	8
Coverage per carton	23.25 sq. ft. (2.16 m ²)	30 sq. ft. (2.79 m ²)	23.38 sq. ft. (2.17 m ²)	31.34 sq. ft. (2.91 m ²)
Weight per carton	40.5 lbs. (18.37 kg)	52.0 lbs. (23.59 kg)	40.7 lbs. (18.46 kg)	54.5 lbs. (24.72 kg)
Cartons per pallet	60	48	72	36

The unique patented construction of Cleo does not fit any existing product specifications; it does meet the following standard performance properties.

Performance Specifications

ASTM E648 Critical Radiant Flux:	Meets or exceeds, Class 1
ASTM E662 NBS Smoke Density:	Pass
ASTM E84-17 Safe Burning Characteristics (for wall applications):	Class B
ASTM E492 Impact Sound Transmission:	IIC 56 (6" concrete, suspended ceiling)
ASTM E492 Impact Sound Transmission:	IIC 59 (6" concrete, suspended ceiling with UnderFlor® Floating Underlayment)
ASTM E2179 Impact Sound Transmission:	Delta IIC Δ14
ASTM E90 Sound Transmission Class:	STC 62 (6" concrete, suspended ceiling with UnderFlor® Floating Underlayment)
ASTM C518 Thermal Resistance:	R Value – 2.254
ASTM F970 Static Load:	Less than 0.001" at 250 psi
ASTM F2055 Size Tolerance:	Less than ± 0.016" / In. ft
ASTM F386 Thickness Tolerance:	Less than ± 0.005"
ASTM F2055 Squareness:	Less than ± 0.010"
ASTM F925 Resistance to Chemicals:	No more than a slight change in surface dulling, surface attack or staining
ASTM F1514 Color Resistance to Heat:	ΔE less than 8.0
ASTM F1515 Color Resistance to Light:	ΔE less than 8.0
Slip Resistance:	Meets ADA Guidelines
NALFA 3.2 Thickness Swell:	Class 4, Heavy Commercial
NALFA 3.3 Xenon Light Resistance:	Class 4, Heavy Commercial
NALFA 3.4 Cleanability-Stain Resistance:	Class 4, Heavy Commercial
NALFA 3.5 Large Ball Impact Resistance:	Class 4, Heavy Commercial
NALFA 3.6 Small Ball Impact Resistance:	Class 4, Heavy Commercial
NALFA 3.10 Surface Bonding:	1.5 N/mm ² – Exceeds Class 4 Heavy Commercial
NALFA 3.7 Wear Resistance Taber:	AC 4, Commercial, Heavy Traffic



Performance Specifications

PVC Free:	Yes
Ortho-Phthalate Free:	Yes
Chloro-Chemical Free:	Yes
Formaldehyde Free:	Yes
Warranty Coverage:	Lifetime Residential Limited Warranty 15 Year Scotchgard Maintenance Warranty 60 Day Adore Your Floor Promise 5 Year Limited Light Commercial Warranty
Subfloor Application:	On, above or below grade level
Installation Method:	Floors - Fully Adhere to subfloor; floating installation using UnderFlor® Floating Underlayment or Acoustic Underlayment Install edge-to-edge or grouted (grout spacing from 1/16" to ¼") Walls - Fully Adhere - Install edge-to-edge or grouted (grout spacing from 1/16" to ¼")
Fully Adhered Installation:	UnderFlor® DS100 Adhesive (water based, pressure sensitive, acrylic)
Adhesive Coverage Fully Adhered:	200 to 250 sq. ft. per gallon
Recommended Trowel Size:	1/16" wide, 1/32" deep, 1/32" apart (trowel blade adaptor included)
Grout:	UnderFlor® Premium Pre-mixed Acrylic Grout
Matching Moldings:	Multi Trim – Transition adjusts to varying levels. Can be used as T-molding or Surface Reducer Stair Nosing – finishes the end of a step
Suggested Usage:	Private Residential/Light Commercial
asthma & allergy friendly® Certification:	Yes
FloorScore Certified:	Yes
National Green Building Standard ICC 700-2008: 901.6	Contributes
LEED V4 EQ Credit 2	Contributes
LEED V4 MR Credit 2 – Option 1	Contributes
LEED V4 MR Credit 4 – Option 1	Contributes
LEED V4 Pilot Credit – Certified Multi-Attribute Products & Materials	Contributes
US Patent:	US 9,725,911 B2

Proudly manufactured in the United States by Congoleum.

Please view actual product samples when making a selection as our colors in brochures or online may vary from actual product. With ChromaTRU digital imaging CLEO patterns can have as many as 60 unique individual planks or tiles creating multiple color and pattern variations.

For additional installation, maintenance, or technical information, visit our website at www.cleoflooring.com or contact our Technical Services Department at 1-800-274-3266.