COMMERCIAL LUXURY VINYL TILE AND PLANK
Inspired Design

Whether your project calls for a traditional wood look or a contemporary concrete aesthetic, there is a Structure design that is perfect for your space. The Structure™ collection is a blend of the traditional and the contemporary. With eight distinctive looks, four size formats and thirty modern colorways, Structure delivers unparalleled style.

Outstanding Performance

Structure has a durable high-performance wear surface that will perform exceptionally well in a variety of commercial applications, including educational, institutional, healthcare, retail, office and hospitality environments. Structure provides a low-cost maintenance option without the need for floor polish in many applications.

Environmentally Aware

Choose Structure with confidence. Structure is certified under FloorScore®, an independent third party Indoor Air Quality certification program for low-emitting flooring, as contributing to good indoor air quality.

Structure is CHPS O1350 compliant and recognized as contributing to LEED EQ Credit 4.3 and LEED v4 M & R Credit 2.

Structure adhesives meet VOC content limit of SCAQMD Rule #1168 and may also contribute to LEED EQ Credit 4.1. Structure and Structure adhesives can contribute to the National Green Building Standard 901.6.

Pioneer - UR100 Weathered Cabin (shown here)
Timberline - UR120 Tundra (shown on front cover)
Ancient Modern™ Tile
The Structure tile collection find its origins in a blend of old and new and is aptly termed Ancient Modern. Whether in the other-worldly look of Galaxy or the solid footing of Crete and Terra Nova, the Structure tile designs transform the ancient into rich, modern looks.

Galaxy™ 18” x 36”
AM101 Nebula

AM102 Meteorite
AM103 Nova
AM104 Starry Night
AM105 Cosmos

Terra Nova™ 18” x 18”
AM110 Pottery

AM111 Alabaster
AM112 Saffron
AM113 Wood Bark
AM114 Shale
AM115 Olive Moss

Crete™
AM120 Pavement 18” x 18”

AM121 Loft
AM122 Graystone
AM123 Dune
AM124 Sidewalk

Urban Rustic™ Plank
An offering of wood-plank designs effectively blend the serene comfort of the countryside with the bustle of a cosmopolitan scene. The Urban Rustic collection reflects this convergence with a range of four distinctive looks that complement spaces both old and new.

Pioneer™ 7.25” x 48”
UR100 Weathered Cabin

UR101 Frontier
UR102 Rustic Honey

Trek™ 7.25” x 48”
UR110 Outback

UR111 Acorn
UR112 Timber Wolf

Timberline™ 6” x 48”
UR120 Tundra

UR121 Antler
UR122 Ridge
UR123 Mahogany
UR124 Barkcode

Trail™ 6” x 48”
UR130 Blaze

UR131 Roots
UR132 Terrain
Product Name:
Galaxy

Tile Size:
18” x 36” (457.2 mm x 914.4 mm)

Thickness:
0.120” (3.0 mm)

Wear Layer:
.020” (0.5 mm)

Wear Layer Finish:
High-Performance Urethane with Aluminum Oxide

Edge Treatment:
Square

Coverage Per Carton:
8 pieces - 36 sq. ft. (3.3 m²)

Specification:
ASTM F-1700 Class III,
Type B – Embossed Surface

Installation:
Fully adhere using:
Congoleum AD32 Adhesive
Congoleum AD62 Adhesive
must be used when heavy static or rolling loads are present or where high-performance requirements must be met

Warranty:
10 Year Limited Commercial

Environmental Information:
FloorScore Certified
CHPS O 1350 compliant
Contributes to:
LEED EQ Credit 4.3
LEED v4 M & R Credit 2
National Green Building Standard 901.6
Product Name: Terra Nova

Tile Size: 18" x 18" (457.2 mm x 457.2 mm)

Thickness: 0.120" (3.0 mm)

Wear Layer: .020" (0.5 mm)

Wear Layer Finish: High-Performance Urethane with Aluminum Oxide

Edge Treatment: Square

Coverage Per Carton: 16 pieces - 36 sq. ft. (3.3 m²)

Specification: ASTM F-1700 Class III, Type B – Embossed Surface

Installation: Fully adhere using: Congoleum AD32 Adhesive Congoleum AD62 Adhesive must be used when heavy static or rolling loads are present or where high-performance requirements must be met

Warranty: 10 Year Limited Commercial

Environmental Information: FloorScore Certified CHPS O 1350 compliant Contributes to: LEED EQ Credit 4.3 LEED v4 M & R Credit 2 National Green Building Standard 901.6
Product Name: Crete
Tile Size: 18" x 18" (457.2 mm x 457.2 mm)
Thickness: 0.120" (3.0 mm)
Wear Layer: .020" (0.5 mm)
Wear Layer Finish: High-Performance Urethane with Aluminum Oxide
Edge Treatment: Square
Coverage Per Carton: 16 pieces - 36 sq. ft. (3.3 m²)
Specification: ASTM F-1700 Class III, Type B – Embossed Surface
Installation: Fully adhere using: Congoleum AD32 Adhesive
must be used when heavy static or rolling loads are present or where high-performance requirements must be met
Warranty: 10 Year Limited Commercial
Environmental Information: FloorScore Certified
CHPS O 1350 compliant
Contributes to: LEED EQ Credit 4.3
LEED v4 M & R Credit 2
National Green Building Standard 901.6
Product Name:
Pioneer

Tile Size:
7.25” x 48” (184.2 mm x 1219.2 mm)

Thickness:
0.120” (3.0 mm)

Wear Layer:
.020” (0.5 mm)

Wear Layer Finish:
High-Performance Urethane with Aluminum Oxide

Edge Treatment:
Micro-bevel

Coverage Per Carton:
15 pieces - 36.25 sq. ft. (3.4 m²)

Specification:
ASTM F-1700 Class III, Type B – Embossed Surface

Installation:
Fully adhere using:
Congoleum AD32 Adhesive
Congoleum AD62 Adhesive
must be used when heavy static or rolling loads are present or where high-performance requirements must be met

Warranty:
10 Year Limited Commercial

Environmental Information:
FloorScore Certified
CHPS O 1350 compliant
Contributes to:
LEED EQ Credit 4.3
LEED v4 M & R Credit 2
National Green Building Standard 901.6
Urban Rustic™ Plank

Product Name:
Trek

Tile Size:
7.25” x 48" (184.2 mm x 1219.2 mm)

Thickness:
0.120” (3.0 mm)

Wear Layer:
.020” (0.5 mm)

Wear Layer Finish:
High-Performance Urethane with Aluminum Oxide

Edge Treatment:
Micro-bevel

Coverage Per Carton:
15 pieces – 36.25 sq. ft. (3.4 m²)

Specification:
ASTM F-1700 Class III, Type B – Embossed Surface

Installation:
Fully adhere using:
Congoleum AD32 Adhesive
Congoleum AD62 Adhesive
must be used when heavy static or rolling loads are present or where high-performance requirements must be met

Warranty:
10 Year Limited Commercial

Environmental Information:
FloorScore Certified
CHPS O 1350 compliant
Contributes to:
LEED EQ Credit 4.3
LEED v4 M & R Credit 2
National Green Building Standard 901.6
Urban Rustic™ Plank

Product Name:
Timberline

Tile Size:
6” x 48” (152.4 mm x 1219.2 mm)

Thickness:
0.120” (3.0 mm)

Wear Layer:
.020” (0.5 mm)

Wear Layer Finish:
High-Performance Urethane with Aluminum Oxide

Edge Treatment:
Micro-bevel

Coverage Per Carton:
18 pieces – 36 sq. ft. (3.3 m²)

Specification:
ASTM F-1700 Class III,
Type B – Embossed Surface

Installation:
Fully adhere using:
Congoleum AD32 Adhesive
Congoleum AD62 Adhesive
must be used when heavy static or rolling loads are present or where high-performance requirements must be met

Warranty:
10 Year Limited Commercial

Environmental Information:
FloorScore Certified
CHPS O 1350 compliant
Contributes to:
LEED EQ Credit 4.3
LEED v4 M & R Credit 2
National Green Building Standard 901.6
Trail™
Product Name: Trail

Tile Size: 6” x 48” (152.4 mm x 1219.2 mm)

Thickness: 0.120” (3.0 mm)

Wear Layer: .020” (0.5 mm)

Wear Layer Finish: High-Performance Urethane with Aluminum Oxide

Edge Treatment: Micro-bevel

Coverage Per Carton: 18 pieces – 36 sq. ft. (3.3 m²)

Specification: ASTM F-1700 Class III, Type B – Embossed Surface

Installation: Fully adhere using: Congoleum AD32 Adhesive Congoleum AD62 Adhesive must be used when heavy static or rolling loads are present or where high-performance requirements must be met

Warranty: 10 Year Limited Commercial

Environmental Information: FloorScore Certified CHPS O 1350 compliant Contributes to: LEED EQ Credit 4.3 LEED v4 M & R Credit 2 National Green Building Standard 901.6
## The flooring Products Certification Program For Indoor Air Quality.
Complete details are available at www.rfci.com

The Environmental Product Declaration is an industry-wide life-cycle assessment program facilitated by RFCI. For more information visit: www.rfci.com.

### Product Structure®
**Construction Layered Vinyl Tile and Plank**
- Wear Layer: .020” (0.5 mm) High-Performance Urethane Finish with Aluminum Oxide
- Overall Thickness: 0.120” (3.0 mm)

### Environmental Product Declaration (EPD)
- **Width/length**: Galaxy - 18” x 36” (457.2 mm x 914.4 mm), Terra Nova - 18” x 18” (457.2 mm x 457.2 mm), Crete - 7.25” x 48” (184.2 mm x 1219.2 mm), Pioneer & Trek - 6” x 48” (152.4 mm x 1219.2 mm)
- **Edge**: Square, Square, Micro bevel, Micro bevel
- **Pieces Per carton**: Galaxy - 8, Terra Nova - 16, Crete - 15, Pioneer & Trek - 18
- **Coverage per carton**: Galaxy - 36 sq. ft. (3.3 m²), Terra Nova - 36 sq. ft. (3.3 m²), Crete - 36.25 sq. ft. (3.4 m²), Pioneer & Trek - 36 sq. ft. (3.3 m²)
- **Weight per carton**: Galaxy - 42 lbs. (18.1 kg.), Terra Nova - 42 lbs. (18.1 kg.), Crete - 42 lbs. (18.1 kg.), Pioneer & Trek - 42 lbs. (18.1 kg.)
- **Cartons per pallet**: Galaxy - 52, Terra Nova - 52, Crete - 52, Pioneer & Trek - 55

### ASTM F 1700 Properties and Performance Specifications
- **Specification (ASTM F-1700)**: Class III, Type B - Embossed Surface
- **ASTM F2055-10 Squareness**: Passes - maximum 0.010 in. (0.25mm)
- **ASTM F2055 Size and Tolerance**: Passes - at ±0.016 in./lin. Ft. (0.4 mm/305 mm)
- **ASTM F386 Thickness**: Passes - as specified ±0.005 in. (0.13 mm)
- **ASTM F137 Flexibility**: Passes - 1-in. (25.4-mm mandrel, no crack or break)
- **ASTM F2199 Dimensional Stability**: Passes - no greater than 0.020 in./lin. Ft. (0.51 mm/305 mm)
- **ASTM F925 Resistance to Chemicals**: Passes - average less than 8%
- **ASTM F1515 Resistance to Light**: Passes - no change
- **ASTM F1514 Resistance to Heat**: Passes - less than 8 ave., max

### Additional Properties and Performance Specifications
- **ASTM F970 Static Load Limit**: Passes - Exceeds 250 psi
- **ASTM E648 Critical Radiant Flux**: Passes - ≥0.45 watts/cm², Class 1
- **ASTM E662 Slip Resistance**: Passes - < 450
- **HUD/FHA Requirements**: Exceeds
- **Limited Commercial Warranty**: 10 Year
- **Recommended Adhesives**: Congoleum AD32 Adhesive (pressure sensitive), Congoleum AD62 Adhesive (wet set). Must be used when heavy static or rolling loads are present or where high-performance requirements must be met.

Structure is not recommended for use on ramps, in commercial areas that require static dissipative flooring, or in commercial areas where the surface temperature over radiant heated substrate exceeds 85° F. Structure is intended only for indoor applications.
ARCHITECTURAL SPECIFICATION

All floors shown in the finish schedule or listed in the specification shall be Structure Luxury Vinyl Flooring provided by Congoleum Corporation, in design and color (list color ___________) selected from the range currently available from Congoleum Corporation, having a nominal total thickness of 0.120 in. (3.0 mm) gauge, and sizes depending on designs in [48 in. x 6 in. (1219.2 mm x 152.4 mm)] [48 in. x 7.25 in. (1219.2 mm x 184.2 mm)] [18 in. x 18 in. (457.2 mm x 457.2 mm)] [18 in. x 36 in. (457.2 mm x 914.4 mm)], consisting of a 0.020 in. (0.5 mm) thick wear layer over a printed film on an intermediate layer over a filled vinyl backing. Flooring is asbestos free and meets composition, size, thickness, squareness, flexibility, residual indentation, resistance to chemicals, resistance to heat and resistance to light requirements of ASTM F 1700, “Standard Specification for Solid Vinyl Tile,” Class III, Type B – Embossed Surface. The product shall have a 10 Year Limited Commercial warranty against manufacturing defects. The adhesive shall be Congoleum AD32 or Congoleum AD62 for use under heavy static or rolling loads, or where high-performance requirements must be met.

For additional installation, maintenance, or technical information, visit our website at www.congoleum.com or contact our Technical Services Department at 1-800-274-3266. Please view actual product samples when making a selection as our printed colors may vary from actual product.

Structure is certified under FloorScore, an independent third party Indoor Air Quality certification program for low emitting flooring. Structure is CHPS O1350 compliant and recognized as contributing to LEED EQ Credit 4.3 and LEED v4 M & R credit 2. Adhesives meet VOC content limit of SCAQMD Rule #1168 and may also contribute to LEED EQ Credit 4.1. Structure and Congoleum adhesives can contribute to the National Green Building Standard 901.6.