



Product	Structure®			
Construction	Layered Vinyl Tile and Plank			
Wearlayer	20 mils (0.5 mm) High-Performance Urethane Finish with Aluminum Oxide			
Overall Thickness	3 mm (0.120")			
	Galaxy	Terra Nova & Crete	Pioneer & Trek	Timberline & Trail
Width/length	18" x 36"	18" x 18"	7.25" x 48"	6" x 48"
Edge	Square	Square	Micro bevel	Micro bevel
Pieces Per carton	8	16	15	18
Coverage per carton	36 sq. ft. (3.3 m ²)	36 sq. ft. (3.3 m ²)	36.25 sq. ft. (3.4 m ²)	36 sq. ft. (3.3 m ²)
Weight per carton	42 lbs. (18.1 kg.)	42 lbs. (18.1 kg.)	42 lbs. (18.1 kg.)	42 lbs. (18.1 kg.)
Cartons per pallet	52	52	52	55
	45 Degree	Hickory	Impressions	Barn
Width/length	9" x 48"	9" x 48"	9" x 48"	9" x 48"
Edge	Micro bevel	Micro bevel	Micro bevel	Micro bevel
Pieces Per carton	12	12	12	12
Coverage per carton	36 sq. ft. (3.3 m ²)	36 sq. ft. (3.3 m ²)	36 sq. ft. (3.3 m ²)	36 sq. ft. (3.3 m ²)
Weight per carton	42 lbs. (18.1 kg.)	42 lbs. (18.1 kg.)	42 lbs. (18.1 kg.)	42 lbs. (18.1 kg.)
Cartons per pallet	52	52	52	52

ASTM F 1700 Properties and Performance Specifications

Specification (ASTM F-1700)	Class III, Type B - Embossed Surface
ASTM F2055-10 Squareness	Passes - maximum 0.001 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 F1914 Residual Indent	Passes - average less than 8%
ASTM F925 Resistance to Chemicals	Passes - no change
ASTM F1515 Resistance to Light	Passes - less than 8 avg., max
ASTM F1514 Resistance to Heat	Passes - less than 8 avg., max

Additional Properties and Performance Specifications

ASTM F970 Static Load Limit	Passes - exceeds 2,500 psi
ASTM E648 Critical Radiant Flux	Passes - ≥ 0.45 watts/cm ² , Class 1
ASTM E662 Smoke Density	Passes - < 450
Slip Resistance	ADA Compliant
HUD/FHA Requirements	Exceeds
Limited Commercial Warranty	10 Years
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

Architectural Specification

<p>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.</p>
<p>All floors shown in the finish schedule or listed in the specification shall be Structure Luxury Solid 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.</p> <p>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.</p> <p>Please view actual product samples when making a selection as our printed colors may vary from actual product.</p> <p>Structure is certified under FloorScore, an independent 3rd 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. 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 points under the National Green Building Standard (NAHB) ICC 7700-2008.</p>