

Deck Membranes

Continental's decking products provide aesthetics and outstanding outdoor performance withstanding cold temperatures, extreme UV exposure and precipitation.

Products include tri-laminate, non-woven and woven constructions compatible with traditional overlap seam applications. This data sheet relates to our vinyl product laminated to a non-woven back ply designed to meet ASTM D4434, Type II.

Product Overview

Description	Double-ply embossed & printed vinyl sheet laminated to non-woven scrim.
Application	Outdoor Flooring, Decking and similar outdoor applications
Processing	Adhesive application to new, unsealed plywood or new, unsealed concrete

Dimensional, Color & Weight Properties

Total Thickness	0.060" (1.5mm)
Width	72 inches

Physical Properties

Elongation	>250%	ASTM D751-B
Breaking Strength	>245 N	ASTM D751-B
Low Temperature	Passes -40°C	ASTM D2136
Seam Strength	>75% of Breaking Strength	ASTM D751-B
Tear Strength	>45 N	ASTM D1004

Colorfastness & Surface Durability

Accelerated Weathering	No Cracking or Crazing	ASTM G-154
Heat Resistance	>90% Retention of Elongation & Tensile	56 days @ 80°C ASTM D751-B
Linear Dimensional Change	0.1% max.	ASTM D1204
Water Immersion Wt. Change	+/-3% max.	ASTM D570

Additional Properties

Slip Resistance	0.58	EN 13893:2002
Slip Resistance	Classification: R 11	DIN 51130
Slip Resistance (dry)	0.643	ASTM F1678
Static Puncture Resistance	Pass @ 15 kg Load	ASTM D5602
Dynamic Puncture Resistance	Pass @ 10 J Energy	ASTM D5635
Heavy Metal Content	Less than 100 ppm for Cd, Hg, Pb and Cr(VI)	EN 71-3, migration of certain elements, category 3

Properties listed do not constitute a warranty or specification. Test values are based on material conditioned and tested in a controlled laboratory using established standards and procedures. Properties vary based on embossed grain, color, multi-ply lamination and other variables.

O'Sullivan Films, Inc.

1944 Valley Avenue | Winchester, Virginia 22601 | USA
Phone: +1 800 336 9882 | www.continental-industry.com

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