

TEKNOFLOR®

HIGH PERFORMANCE FLOORING



NATURESCAPES HPD™

ORGANIC POLYMER SHEET • HIGH PERFORMANCE DESIGN

TRADITIONAL LOOK. MODERN COMPOSITION.

TEKNOFLOR® NATURESCAPES HPD™ is the brand's first organic sheet good made with *ecuran*, an organically-derived composite material processed from plant based oils such as castor oil and naturally occurring minerals such as chalk. This resilient sheet flooring product has all the advantages of resilient sheet vinyl: durability, easy maintenance and versatility but without the PVC. The product offers twenty-four beautiful designs in three distinct styles that can be used independently or together. Naturescapes HPD brings life to organic flooring with design, color, performance and an environmental focus perfect for any commercial space. Contact your Teknoflor sales representative for more information.



DURABLE AND EASY
MAINTENANCE

ENVIRONMENTALLY
FRIENDLY

SAFE

OVERALL THICKNESS

WARRANTY

APPLICATIONS

- **No Wax, No Buff**, and no sealers or finishes needed; easily cleaned by damp mopping or auto-scrubbing
- 2.5mm gauge for enhanced performance in heavy traffic areas
- Maintenance savings result in investment payback in approximately two years
- No buff floors mean no bacteria, dust or wax particles are thrown into the air during cleaning
- No odors from floor finishes or strippers; no wax flushed into sewer system
- Complies with REACH requirements for Substances of Very High Concern
- Made with *ecuran*, a high performance and sustainable composite material of organically-derived polyurethane processed from plant based oils such as castor oil and naturally occurring minerals such as chalk
- ADA Compliant
- Approved for emergency egress areas - NFPA 101 and NFPA 99
- 2.5mm
- 12-year commercial warranty / 20-year residential warranty
- Ideal for Healthcare, Senior Living, Retail, Corporate/Office, Academic and Hospitality Environments



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TEKNOFLOR®

TEKNOFLOR® NATURESCAPES HPD™ • JASPER OAK COLLECTION



89500 Natural Cherry



89501 Beach



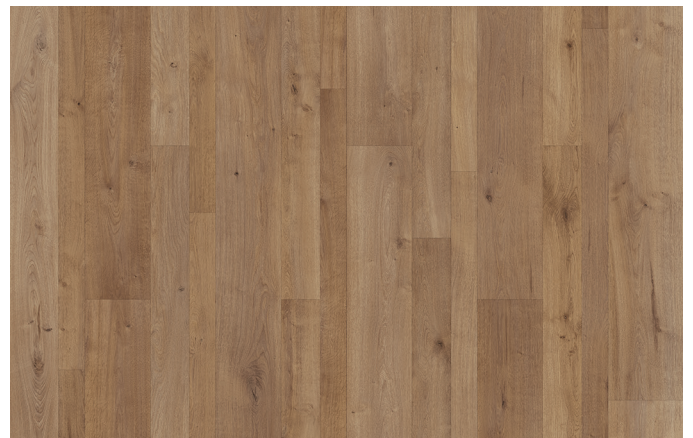
89502 Sand



89503 Sun Bleached



89504 Dune



89505 Baywood



89506 Driftwood

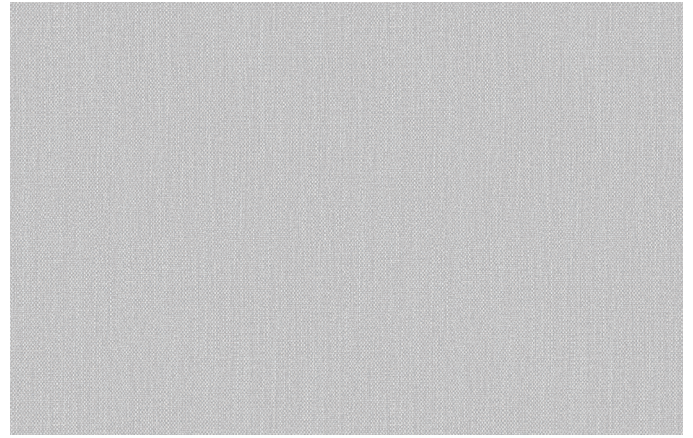


89507 Classic Grey

TEKNOFLOR® NATURESCAPES HPD™ • PHOENIX COLLECTION



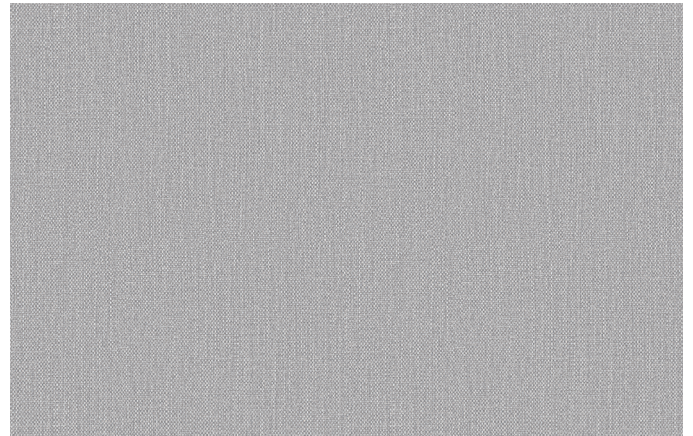
89508 Flint



89509 Chalk



89510 Ivory Black



89511 Bentinite



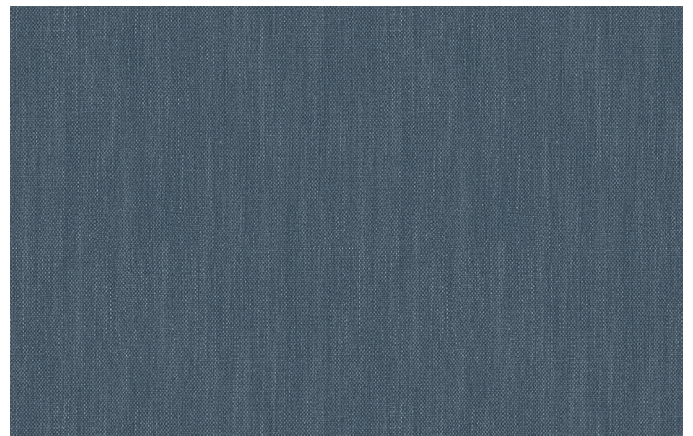
89512 Silt



89513 Evergreen



89514 Forest



89515 Indigo

TEKNOFLOR® NATURESCAPES HPD™ • ISLEY COLLECTION



89516 Sandstone



89517 Clay



89518 Titanium



89519 Ivory



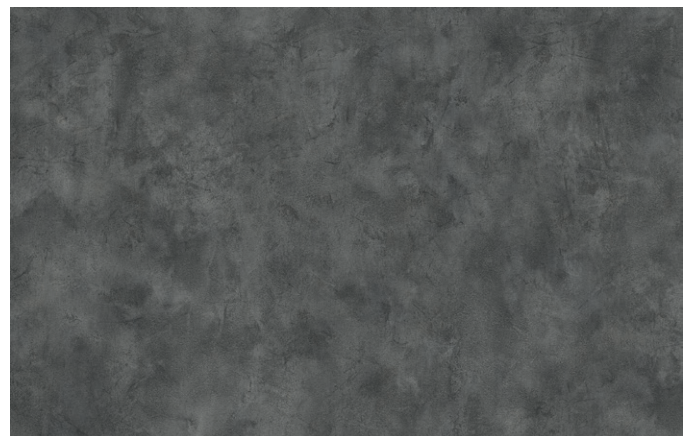
89520 Lead



89521 Zinc



89522 Graphite



89523 Carbon

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PRODUCT DATA			
USE	Commercial & Residential	DIMENSIONS	6'7" x 65'7" (2.0M x 20.0M)
COMPOSITION	Polyurethane Sheet Flooring	ROLL SIZE	48.1 sq. yd.
OVERALL THICKNESS	2.5mm (0.098")	ROLLS / PALLET	6
WARRANTY	12-Year Commercial 20-Year Residential	PALLETS / CONTAINER	10

SAFETY & PERFORMANCE	TEST METHOD	STANDARD REQUIREMENT	RESULT
CRITICAL RADIANT FLUX	ASTM E648	Class I: ≥ 0.45 W/sq.cm.	Passes Requirements
SMOKE DENSITY	ASTM E662	Flaming: ≤ 450 Non-Flaming: ≤ 450	Passes Requirements
REACH Substances of Very High Concern	REACH SVHC 174	$\leq 0.1\%$ by Product Weight (per substance)	Passes Requirements
HEAVY METALS	ASTM F963	Refer to Standard	No Concern with Heavy Metal Content
PHTHALATES	ASTM D7823 / CPSC-CH-C1001-09.3	Refer to Consumer Product Safety Improvement Act (CPSIA)	None Detected
ANTIFUNGAL ACTIVITY (No Antimicrobial Agent Added)	ASTM G21	N/A	Face & Back: $<10\%$ Growth
COEFFICIENT OF FRICTION (STATIC, DRY)	ASTM D2047	N/A	≥ 0.6
COEFFICIENT OF FRICTION (DYNAMIC, WET)	ANSI/NFSI B101.3	Acceptable Slip Resistance Potential: Level: 0.30 - 0.42	Passes Requirements
CASTOR CHAIR	ISO 4918	N/A	25,000 Cycles: 4.5-5.0 AATCC Slight gloss change
Floor Materials & Footwear; Voltage Measurement	ANSI / ESD STM97.2	N/A	Average (Absolute): ≤ 2.0 kV

MANUFACTURING & USAGE	TEST METHOD	STANDARD REQUIREMENT	RESULT
RESIDUAL INDENTATION	ASTM F1914	Maximum: 0.012"	Passes Requirements
STATIC LOAD	ASTM F970	PSI ≥ 75 : R (Residential) PSI ≥ 125 : LC (Light Commercial) PSI ≥ 175 : C (Commercial)	Passes Requirements $\geq 1,000$ PSI
FLEXIBILITY	ASTM F137	No cracks/breaks from 0.25" (6.4mm) Mandrel	Passes Requirements
CHEMICAL RESISTANCE	ASTM F925	No more than "Slight Change"	Passes Requirements
RESISTANCE TO HEAT	ASTM F1514	Average & Max $\Delta E < 8.0$	Passes Requirements
RESISTANCE TO LIGHT	ASTM F1515	Average & Max $\Delta E < 8.0$	Passes Requirements



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TRANSPARENCY & SUSTAINABILITY

Organization Name: Shannon Specialty Floors, LLC
Organization Type: Distributor
Headquarters: Milwaukee, Wisconsin
Satellite Facilities: None
Number of Employees: 20

Social Justice and Equity Indicators:

Diversity	Worker Benefit
<input checked="" type="checkbox"/> Non-Discrimination <input checked="" type="checkbox"/> Gender Diversity <input checked="" type="checkbox"/> Ethnic Diversity	<input type="checkbox"/> Worker Happiness <input type="checkbox"/> Employee Benefit <input type="checkbox"/> Continuing Education
Equity	Local Benefit
<input checked="" type="checkbox"/> Full Time Employment <input checked="" type="checkbox"/> Pay-Scale Equity <input checked="" type="checkbox"/> Union Friendly <input type="checkbox"/> Living Wage <input type="checkbox"/> Gender Pay Equity <input type="checkbox"/> Family Friendly	<input type="checkbox"/> Local Control <input type="checkbox"/> Local Sourcing
Safety	Stewardship
<input checked="" type="checkbox"/> Occupational Safety <input checked="" type="checkbox"/> Hazardous Chemicals	<input type="checkbox"/> Responsible Investing <input type="checkbox"/> Community Volunteering <input checked="" type="checkbox"/> Positive Products <input checked="" type="checkbox"/> Charitable Giving <input checked="" type="checkbox"/> Animal Welfare <input type="checkbox"/> Transparency

THE SOCIAL JUSTICE LABEL
 SSF-001 EXP: 02/20/2020

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TEKNOFLOR® Naturescapes HPD™
Shannon Specialty Floors

Final Assembly: Detmold, Germany
Life Expectancy: Commercial - 12 Years, Residential - 20 Years
End of Life Options: Take Back Program (100%)

Ingredients:

Polymer: Polyurethane; **Filler:** Calcium Carbonate, Zeolite; **Flame Retardant:** Aluminum Hydroxide; **Additives and Decor Paper Dyes:** Undisclosed (0.5-1.0%); **Foam Regulator:** White Oil; **Nonwoven:** Polypropylene, Polyester, Glass; **Decor Paper:** Cellulose; **Decor Paper Filler:** Kaolin; **Decor Paper Pigment:** Titanium Dioxide

*LBC Temp Exception I10-E4 Proprietary Ingredients <1%

Living Building Challenge Criteria:

SSF-003	EXP: 01 MAY 2019
VOC Content: N/A	VOC Emissions: CDPH Compliant

Declaration Status:
 LBC Red List Free
 LBC Compliant
 Declared

Third Party Verified

MANUFACTURER CLAIMS VERIFIED BY WAP Sustainability
 INTERNATIONAL LIVING FUTURE INSTITUTE™ declareproducts.com

Living Product Challenge 1.1
Teknoflor
 TEKNOFLOR® Naturescapes HPD™

Manufacturing Location: Detmold, Germany

2/2	Place	Petal Certified 16/20 Imperatives Achieved Petals Met: Place, Health & Happiness, Materials, Equity	Life Expectancy: Commercial - 12 years, Residential - 20 years End of Life Options: Take-Back Program Functional Unit: 1 sq. meter
0/1	Water		
0/1	Energy		
2/2	Health		
7/7	Materials		
4/4	Equity		
1/3	Beauty		

Carbon Impact <input checked="" type="checkbox"/> Incorpore <input checked="" type="checkbox"/> Printed Paper <input checked="" type="checkbox"/> Filler Powder <input checked="" type="checkbox"/> Secondary Ink <input type="checkbox"/> Other 6.06 kg CO₂ Eq	Water Impact <input checked="" type="checkbox"/> Color Oil <input checked="" type="checkbox"/> Printed Paper <input checked="" type="checkbox"/> Ink Residue <input checked="" type="checkbox"/> Incorpore <input checked="" type="checkbox"/> Inkjet <input type="checkbox"/> Other 6.91 m³
Energy Impact <input checked="" type="checkbox"/> Incorpore <input checked="" type="checkbox"/> Printed Paper <input checked="" type="checkbox"/> Cellulose <input checked="" type="checkbox"/> Filler Powder <input type="checkbox"/> Other 3.60 kg Oil Eq	Waste Impact <input checked="" type="checkbox"/> Declared <input type="checkbox"/> Landfill 99+% Diversion Rate

Declare.
 Red List Free
 LBC Compliant
 Declared

Ingredients: Polymer: Polyurethane; Filler: Calcium Carbonate, Zeolite; Flame Retardant: Aluminum Hydroxide; Additives and Decor Paper Dyes: Undisclosed (0.5-1.0%); Foam Regulator: White Oil; Nonwoven: Polypropylene, Polyester, Glass; Decor Paper: Cellulose; Decor Paper Filler: Kaolin; Decor Paper Pigment: Titanium Dioxide
*LBC Temp Exception I10-E4 Proprietary Ingredients <1%

A Just™ Organization
 Verified By: WAP Sustainability
 INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/lpc

SSF-LP001
 EXP. 5/3/2021

JUST is a program that provides an innovative platform for organizations to be transparent about operations, including employee benefits and financial and community investments. The program highlights companies that have transparency in social justice and equity policies.

Declare is a transparency platform and product database and its label serves as a nutrition label for products.

The Living Product Challenge 1.1 Standard contains seven performance categories, or Petals: Place, Water, Energy, Health and Happiness, Materials, Equity and Beauty. Petals are subdivided into a total of 20 Imperatives, each of which focuses on a specific sphere of influence.

