COLLECTION NAME	Natural Selection Plus ⏐ Wood
TOTAL # SKUs (Colors)	15

PRODUCT SPECIFICATIONS/CONTENT/CERTIFICATIONS	DETAILS	ADDITIONAL INFORMATION
Thickness	2 mm (0.0787")	
Wear Layer	28 mil (0.7 mm)	
Glass Fiber	Yes	
Finishing/Coating	Easy Clean	
Nominal Dimensions (inches, feet)	Width: 78"/6'6", Length: 68'	
Actual Dimensions (inches, feet, meters)	Width: 78.75"/2.00 m, Length: 68.58'/20.90 m	
Micro-Beveled	No	
Class/ASTM F1303	Type I, Grade I	
Backing Class	4-Ply Fused Backing System, Class B	
Gloss Level	5-10	
Commercial Traffic	Heavy Commercial	
Added Antimicrobial	Yes	
Recycled Contents	100% Virgin Vinyl	
Backstamp Info	None	
CE Certification	Yes	
PACKING SPECIFICATIONS	DETAILS	ADDITIONAL INFORMATION
Pallet Dimensions (L x W x H)	1,120 mm x 860 mm x 2,100 mm	
Rolls per Pallet	12 Rolls	
Pallets per Container	10 Pallets (12 Rolls/Pallet)	20 foot container
Square Yard per Roll	50 sq. yd.	
Square Yard per Pallet	600 sq. yd.	
Weight per Roll (lbs.)	287.7 lbs.	
Weight per Pallet (lbs.)	3,562.6 lbs.	
Roll Wrapping Paper Type	Craft Paper with PE Foam Wrapping (PP Coating)	
PRODUCT PERFORMANCE/TESTING	PERFORMANCE	REQUIREMENT
ASTM D2047 Slip Resistance	> 0.65 (wet, dry)	Static coefficient of friction＞0.6 (ADA), 0.5 OSHA
ASTM F970 Static Load Limit	≥ 1,000 psi	Max 0.005"
ASTM F2753 Dynamic Rolling Load	Passes (25,000 cycles)	≤ slight surface disturbance
ASTM F1914 Residual Indentation	Passes < 8%	Average less than 8%, maximum single reading 10%
ASTM F137 Flexibility	Passes	No crack or break
ASTM F925 Chemical Resistance	Passes	No change/slight change
ASTM F1514 Resistance to Heat	Passes	⊿E ≤ 8
ASTM F1515 Resistance to Light	Passes	⊿E ≤ 8
ASTM E648 Critical Radiant Flux	Passes	> 0.45 watts/cm², NFPA Class I
ASTM E662 Optical Smoke Density	Passes	< 450 in flaming mode
ASTM G21 Resistence to Fungi	Passes	No Growth
AATCC 147 Antimicrobial Activity	Passes	No Growth
EN 16094 Micro Scratch Resistance	MSR - B2	
TECHNICAL INFORMATION/DOCUMENTS	DETAILS	
Product Warranty	15 Years Heavy Commercial	
Installation Method	Full spread	
Approved Installation Methods	Gluedown	
Recommended Adhesive	Any approved Commercial Sheet adhesive	
Polish Required (Yes/No)	No	

All specifications are subject to change without notice.
CGI rendering shown for illustration purpose only.
Printed representation of colors may vary from actual product. Please view the actual product prior to purchase.

floorscore

VERIFIED ENVIRONMENTAL PRODUCT DECLARATION

hpd Health Product DECLARATION

CE

PHTHALATE FREE

LX Hausys

www.lxhausys.com

H·FLOR

Natural Selection Plus ⏐ Wood
Heterogeneous Sheet
2 mm/28 mil

Resilient Flooring

NAP4184 Fawn Walnut / NAP4195 Smoked Oak

H·FLOR

by LX Hausys

LX Hausys is one of the world's leading providers of building and decorative materials. For more than 70 years, we've been producing high performance flooring products using the latest advanced manufacturing techniques to create eco-conscious and human-friendly resilient flooring solutions.

Whether you prefer a more traditional aesthetic or a contemporary look, **Natural Selection Plus** Collection offers a variety of designs engineered with precision to suit your space.

NAP4202 Oiled Ash

Natural Selection Plus | Wood

Natural Selection Plus

HFLOR's Natural Selection Plus is inspired by the beautiful, restorative and healthy benefits found in nature.

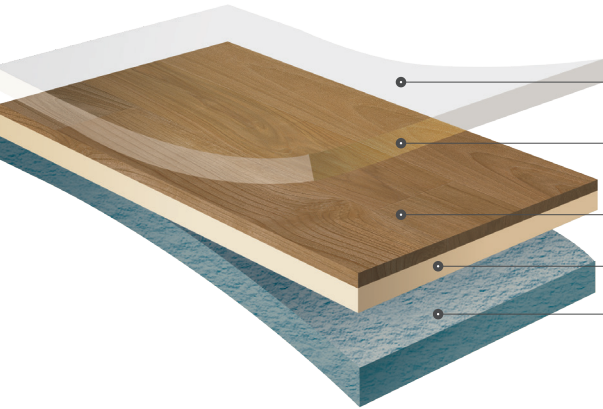## Space and Ambience

By capturing nature's textures and soothing colors, the Natural Selection Plus Collection transforms interiors into areas of comfort and wellbeing.

■ Product Configuration
Natural Selection Plus | Wood

PUR Easy Clean UV

Wear Layer
28 mil (0.7 mm)

Printed Layer

Dimensional Layer

Compact Layer

Pattern	Colors
Wood	15

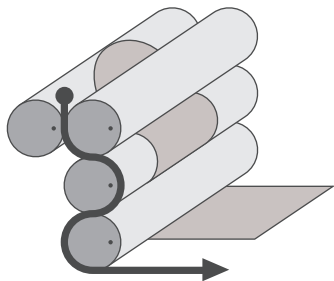## ■ Applications
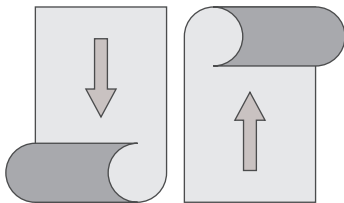
Healthcare

Education

Office

Hospitality

■ Production Method

■ Installation

Our advanced Calendering process creates dimensional stabilities, helping to eliminate unwanted gaps between sheets after installation, which can trap dirt and create conditions for bacterial growth.

Please follow the HFLOR (Heterogeneous Sheet) Installation Guide.
Visit the website for details.

■ Features and Benefits

01 Durability		Wear Layer
	28 MIL	28 mil (0.7 mm) wear layer ensures durability, ideally suited for high-traffic commercial applications.
		Static Load Featuring high indentation resistance in accordance with ASTM F970 testing standards.
		Dynamic Rolling Load Withstands 25,000 cycles of rolling loads, resulting in no exposure of wear layer in accordance with ASTM F2753.
02 Low Maintenance		**Micro-Scratch Resistance** High resistance to scratches ensures the surface lasts longer in accordance with EN 16094 testing standards.
		No Waxing & Polishing Special surface coating technology eliminates the need for waxing and polishing, reducing high maintenance expenses.
		Ease of Cleaning Unique surface treatment technology prevents outer contaminants from penetrating the surface and is easy to clean thanks to its Lotus Effect Mechanism.
03 Hygiene		**Anti-Fungal** Enhanced technology prevents the growth of fungi to provide a more hygienic environment in accordance with ASTM G21.
		Anti-Bacterial Superior resistance to outer contaminants and bacteria thanks to its specially treated PUR coating in accordance with AATCC 147.

NAP4186 Fumed Walnut

NAP416B Portobello* + NAP4181 Honey Walnut

* Color available in the Natural Selection Plus | Modern Collection.

01. Durability

Features and Benefits

A 28 mil (0.7 mm) thick wear layer guarantees outstanding durability that stands up to everyday wear and tear, making the Natural Selection Plus Collection the ideal solution for heavy-traffic areas.

28 MIL

Wear Layer
28 mil (0.7 mm)

Static Load
(≥ 1,000 psi)

Dynamic Rolling Load
(≥ 25,000 cycles)

NAP4171 Cotton*

02. Low Maintenance

HFLOR's special surface treatment technology ensures easy maintenance and eliminates the need for waxing and polishing. It also improves resistance to scratches and stains to protect the floor patterns so they last longer.

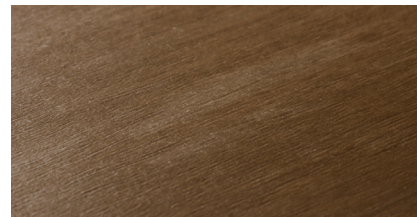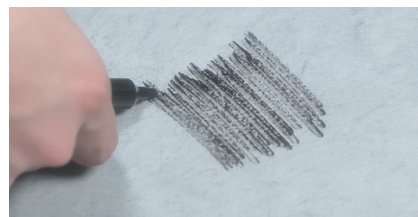Micro-Scratch
Resistance

No Waxing &
Polishing

Easy Cleaning

Regular Sheet: B4

Martindale Test (EN16094)
Tested with 160 rotations on the product with a strength of 4N with a scratch pad.
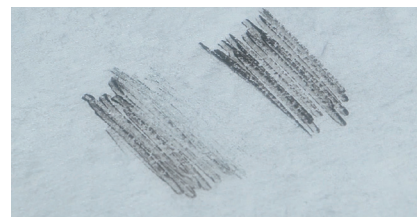(Scotch-Bright pad #7440)

Natural Selection Plus: B2

B1 = No scratches, B2 = Only few scratches,
B3 = Moderate, B4 = Many scratches,
B5 = Complex scratches in every direction

Without Easy Clean UV
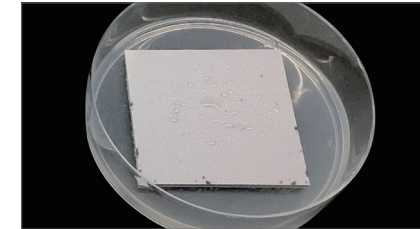
Natural Selection Plus

03. Hygiene

Natural Selection Plus offers hygienic properties as it is manufactured to prevent bacteria and mold from penetrating its surface. Easy to clean, it is ideal for use in hospitals, medical facilities, laboratories and other spaces where hygiene is essential.
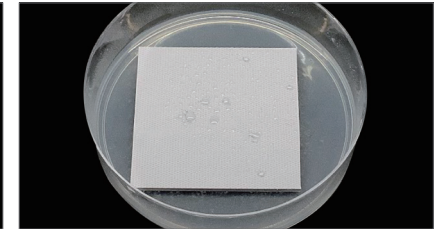
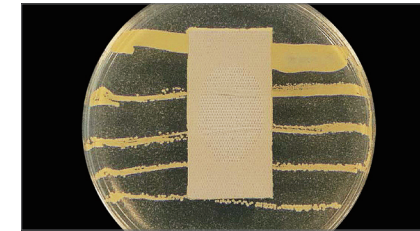Anti-Fungal
(No growth)

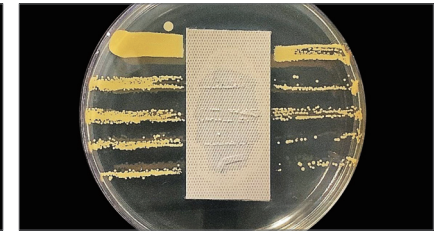Anti-Bacterial
(No growth)

Without Anti-Fungal Technology

Natural Selection Plus

Anti-Fungal Test (ASTM G21)
This test evaluates mold resistance properties. Samples were examined once a week for a four-week period.

Without Anti-Bacterial Technology

Natural Selection Plus

Anti-Bacterial Test (AATCC 147)
This qualitative test demonstrates anti-bacterial activity by visually showing the boundaries of bacterial growth around the sample.

NAP4194 Farmhouse Oak

* Color available in the Natural Selection Plus | Modern Collection.
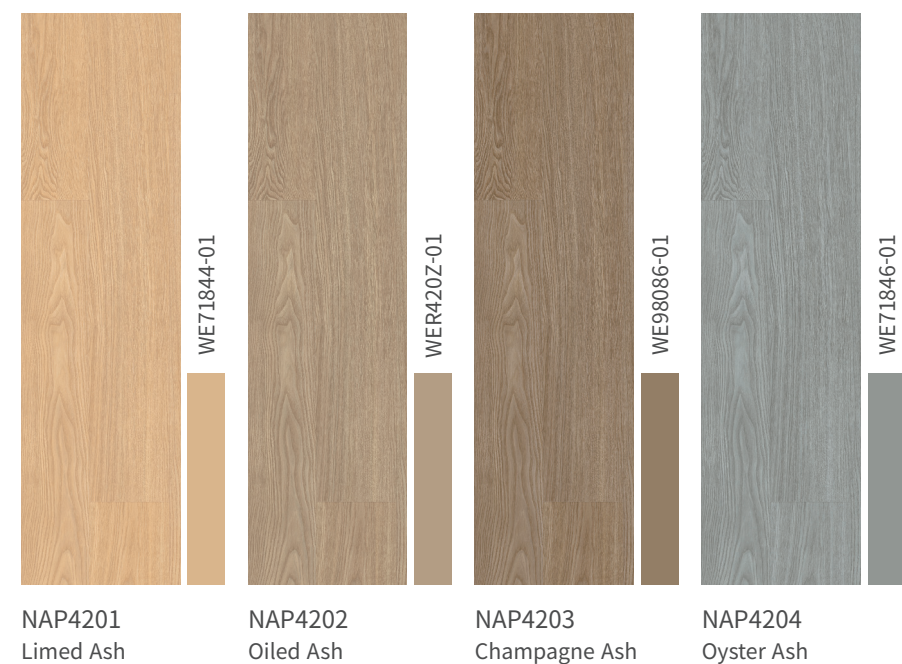
Natural Selection Plus｜Wood

Color　Welding Rod

European Walnut

NAP4181
Honey Walnut
WEL8882-01

NAP4182
Natural Walnut
WE97777-01

NAP4183
Traditional Walnut
WERS805-01

NAP4184
Fawn Walnut
WEL9272-01

NAP4185
Toasted Walnut
WEL8205-01

NAP4186
Fumed Walnut
WEL9635-01

Golden Oak

NAP4191
Blonde Oak
WEL8126-01

NAP4192
Bleached Oak
WEL1825-01

NAP4193
Fine Oak
WEL2025-01

NAP4194
Farmhouse Oak
WEL9634-01

NAP4195
Smoked Oak
WEL7323-01

Natural Ash

NAP4201
Limed Ash
WE71844-01

NAP4202
Oiled Ash
WER420Z-01

NAP4203
Champagne Ash
WE98086-01

NAP4204
Oyster Ash
WE71846-01

※ Use matching welding rod for installation.

European Walnut

36.22" (920 mm)

Natural Line

The pattern design features different shades to reflect the look of hardwood floors.

5.63" (143 mm)

Full repeat (L x W): 72.44" (1,840 mm) x 78.75" (2,000 mm)

NAP4181
Honey Walnut

NAP4184
Fawn Walnut

NAP4182
Natural Walnut

NAP4185
Toasted Walnut

NAP4183
Traditional Walnut

NAP4186
Fumed Walnut

NAP4184 Fawn Walnut

NAP4182 Natural Walnut

NAP4185 Toasted Walnut

Golden Oak

NAP4191
Blonde Oak

NAP4194
Farmhouse Oak

NAP4192
Bleached Oak

NAP4195
Smoked Oak

NAP4193
Fine Oak

Natural Line

36.22" (920 mm)

The pattern design features different shades to reflect the look of hardwood floors.

5.63" (143 mm)

Full repeat (L x W): 72.44" (1,840 mm) x 78.75" (2,000 mm)

NAP4193 Fine Oak

NAP4195 Smoked Oak

NAP4191 Blonde Oak

Natural Ash

Natural Line

36.22" (920 mm)

The pattern design features different shades to reflect the look of hardwood floors.

5.63" (143 mm)

Full repeat (L x W): 72.44" (1,840 mm) x 78.75" (2,000 mm)

NAP4201
Limed Ash

NAP4203
Champagne Ash

NAP4202
Oiled Ash

NAP4204
Oyster Ash

NAP4203 Champagne Ash

NAP4202 Oiled Ash

NAP4201 Limed Ash

NAP4181 Honey Walnut

Natural Selection Plus | Wood

NAP4192 Bleached Oak

NAP4183 Traditional Walnut + NAP416C Moon*

NAP416B Portobello* + NAP4204 Oyster Ash

* Colors available in the Natural Selection Plus | Modern Collection.