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Please visit www.noxglobal.com for the detailed installation,
maintenance guides and technical information.



Rediscover Orchid Style



Rediscover Orchid Style

On a mission to offer Orchid Style, the most stylish and eco- friendly flooring, we present new *ORCHID+* design LVT flooring, 50 of our latest and finest designs featuring Wood, Stone and Design lines.

ORCHID+
DESIGN LVT FLOORING

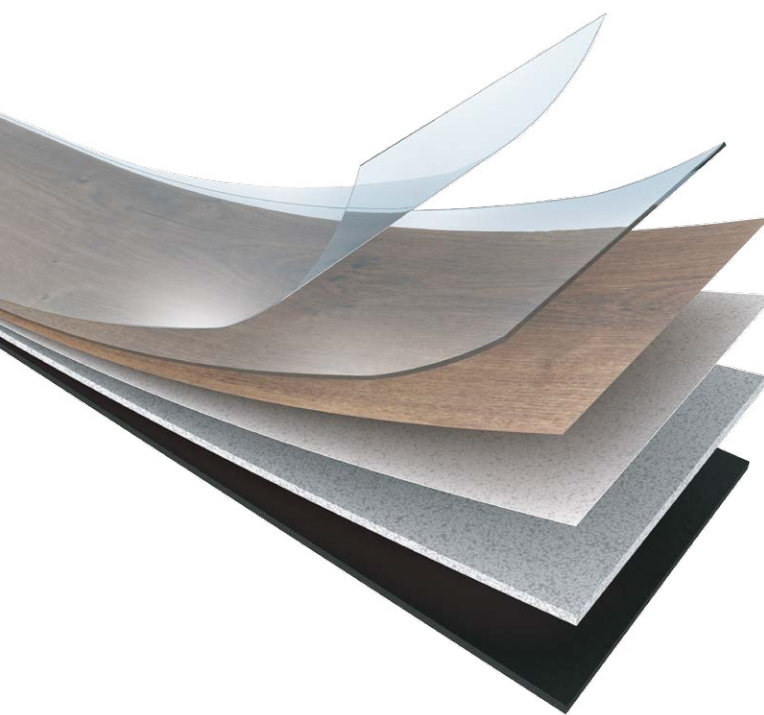


With NOX EPT™ Shield & EMT™ Core Technologies

NOX Corporation, one of the world-largest LVT manufacturers, traces its roots to chemical engineering with expertise in core components of LVT flooring for more than 50 years. Its NOX EPT™ shield & EMT™ core technologies are the foundation of ORCHID+ innovation, providing the most stable and eco-friendly products.

NOX EMT™ Core Structure

The first in LVT flooring, our distinguished NOX EMT™ core structure ensures the unparalleled dimensional stability and eco-friendliness of ORCHID+.



EPT™ shield

- Safe and strong 2-fold LVT surface shield technology
- PU or Ceramic PU coating treatment [Anti-Bacterial] without using Nano-silver (controversial to be harmful for human health)
- Clear design protection layer



EMT™ core - 5D

- Stable and eco-friendly LVT core technology
- 5-layered EMT™ core structure for long-term dimensional stability



Continuous EIR (Embossed-In-Register)

The first & only 'Continuous EIR (Embossed-In-Register)' Technology



ORCHID+ Design Collection

Neutral Wood

Authentic and modern collection of woods with quiet color tones that balance beautifully

08 p
13 p

Warm Wood

Radiant collection of woods, bringing gentle brightness and intimate warmth

14 p
17 p

Dark Wood

Comprehensive spectrum of dark wood with lustrous depth

18 p
21 p

Natural-feel Wood

The first & only 'Continuous EIR (Embossed-In-Register)' Technology

22 p
23 p

Design

Unique and stylish approach for modern space

26 p
35 p

Neutral Wood

Authentic and modern collection of woods with quiet color tones that balance beautifully

Warm Wood

Radiant collection of woods bringing gentle brightness and intimate warmth

Dark Wood

Comprehensive spectrum of dark wood with lustrous depth

Natural-Feel Wood

The first & only 'Continuous EIR (Embossed-In-Register)' Technology

Dimension

186 X 940 mm / 180 X 1,200 mm

Total Thickness

2.5 mm

Neutral Wood

Dimension
186 X 940 mm

European Oak | White

NOP-23353



Washy Oak | White

NOP-4601



Hickory | Beige

Dimension 180 X 1,200mm | NOR-31235



Residential | Washy Oak | NOP-4601

Washy Oak | Sand Grey

NOP-44601



Neutral Wood

Dimension
186 X 940 mm

White Oak | Natural

NOP-38610



Natural Oak | Grey

NOP-4701



Washy Oak | Beige

NOP-44603



Retail Shop | Natural Oak NOP-4701

Neutral Wood

Dimension
186 X 940 mm

Antique Wood | Natural

NOP-10618



European Oak | Brown

NOP-23366



Antique Wood | Brown

NOP-10621



Residential | Antique Wood | NOP-10618

Warm Wood

Dimension
186 X 940 mm

European Oak | Natural

NOP-5124



Natural Oak | Golden

NOP-44502



Beech | Golden

NOP-46401



Residential | Canyon Wood NOR-40601

Natural Oak | Honey

NOP-4702



Canyon Wood | Brown

Dimension 180 X 1,200mm | NOR-40601



Warm Wood

Dimension
186 X 940 mm

Washy Oak | Brown

NOP-4603



Acacia | Brown

NOP-44801



Classic Oak | Brown

NOP-23101



Classic Oak | Amber

NOP-4901



Natural Oak | Red Brown

NOP-22015



Dark Wood

Dimension
186 X 940 mm

Hickory | Grey

Dimension 180 X 1,200mm | NOR-6420



Natural Oak | Brown

NOP-38602



Hickory | Brown

Dimension 180 X 1,200mm | NOR-6421



Residential | Natural Oak NOP-44505

Natural Oak | Chocolate

NOP-44505



Beech | Chocolate

NOP-46403



Dark Wood

Dimension
186 X 940 mm

Beech | Grey

NOP-46402



Natural Oak | Grey

NOP-38608



Acacia | Dark Grey

NOP-44806



European Oak | Grey

NOP-5125



Canyon Wood | Dark Grey

Dimension 180 X 1,200mm | NOR-40607



Natural-feel Wood

[EIR / GFL / 0.70mm WL]

Dimension

180 X 1,200 mm

Hickory | Beige

Embossed-In-Register | NOR-31235



Canyon Wood | Brown

Embossed-In-Register | NOR-40601



Hickory | Brown

Embossed-In-Register | NOR-6421



Hickory | Grey

Embossed-In-Register | NOR-6420



Canyon Wood | Dark Grey

Embossed-In-Register | NOR-40607



Unique and stylish approach for modern space

Dimension

457.2 X 457.2 mm (18 X 18 inch) / 600 X 600 mm /
457.2 X 914.4 mm (18 X 36 inch) / 304.8 X 609.6 mm (12 X 24 inch)

Total Thickness

2.5 mm

Design

Dimension

457.2 X 457.2 mm (18 X 18 inch)

Bronze | Beige

NOI-14337



Bronze | Grey

NOI-14312



Bronze | Dark Grey

NOI-14343



Restaurant | Bronze NOI-14312

Design

Dimension

457.2 X 457.2 mm (18 X 18 inch)

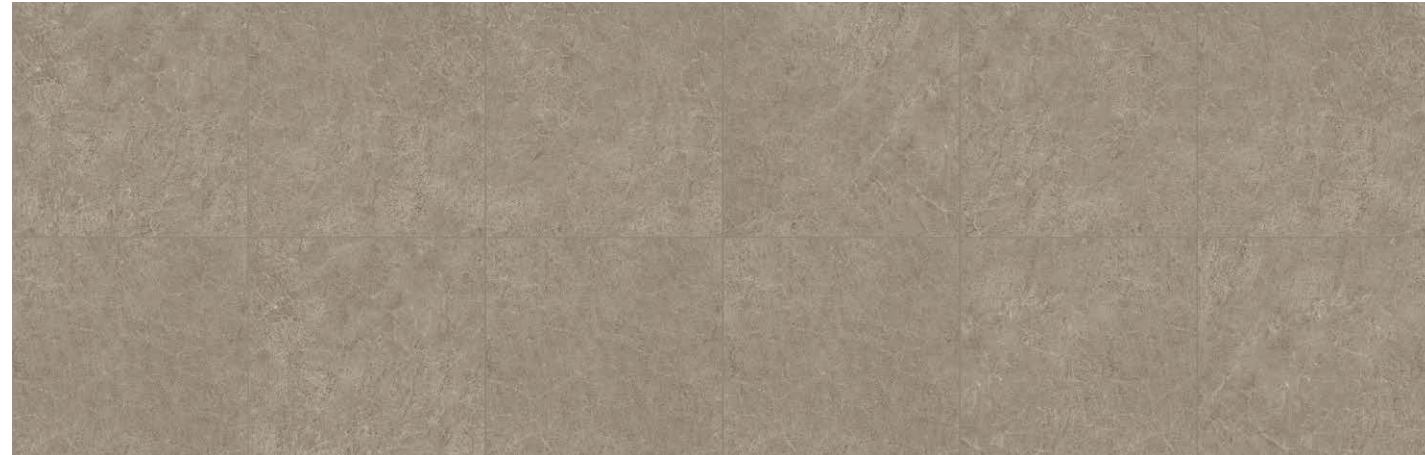
Natural Marble | Sand

NOI-24909



Natural Marble | Grey

NOI-1810



Natural Marble | Cool Grey

NOI-24911



Grid | White

NOI-20509



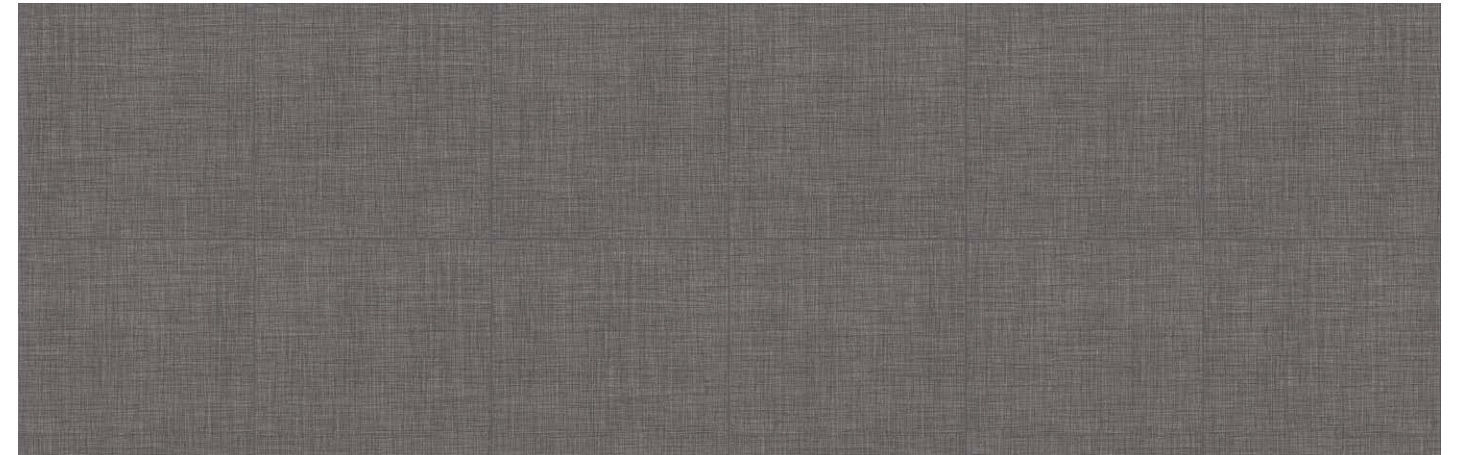
Grid | Grey

NOI-1760



Grid | Dark Grey

NOI-1761

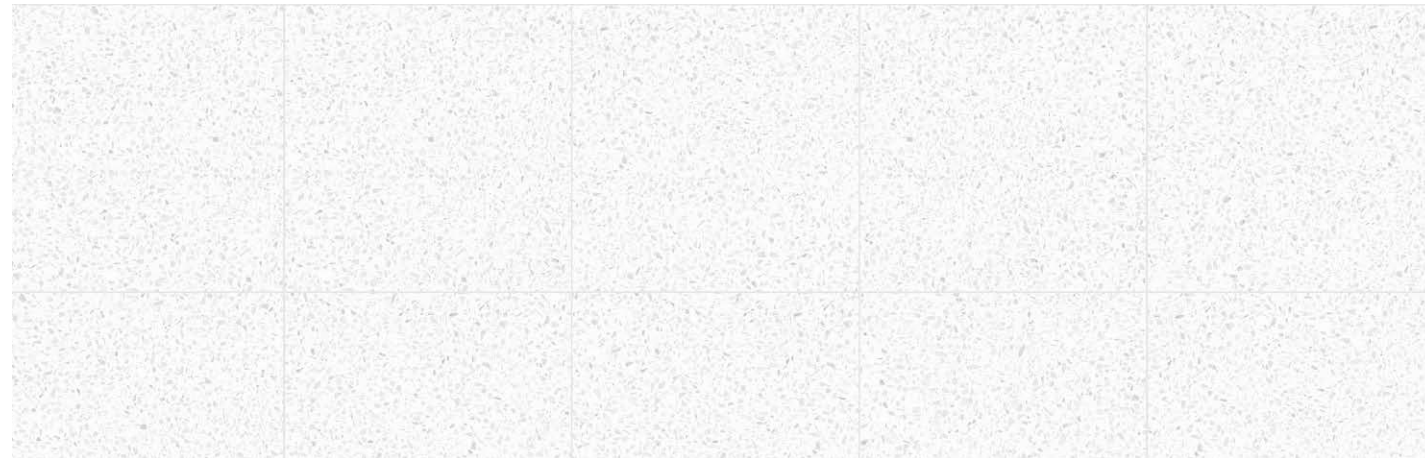


Design

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Dimension
600 X 600 mm

Terrazzo | White

NOI-44701



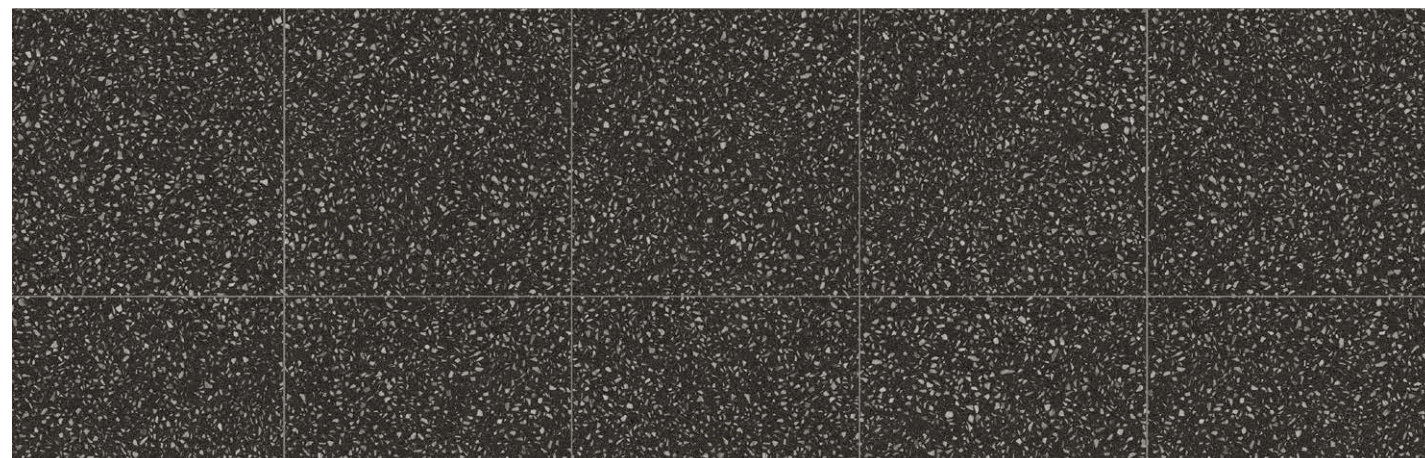
Terrazzo | Grey

NOI-44704



Terrazzo | Black

NOI-44707



Restaurant | Terrazzo NOI-44704

Design

Dimension

457.2 X 914.4 mm (18 X 36 inch)

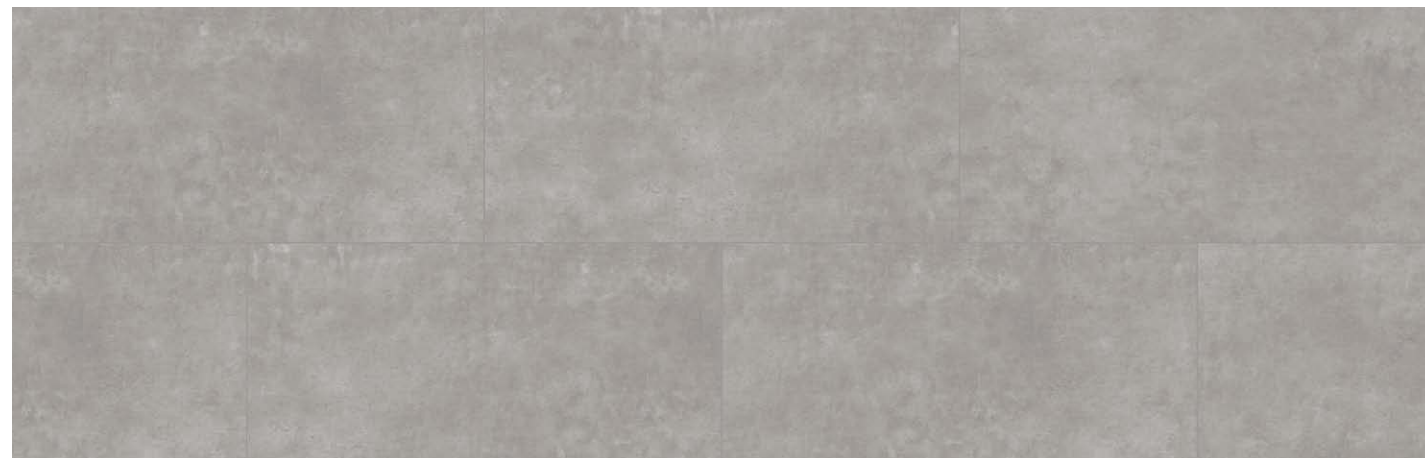
Desert | Light Grey

NOI-45801



Desert | Grey

NOI-45802



Desert | Dark Grey

NOI-45803



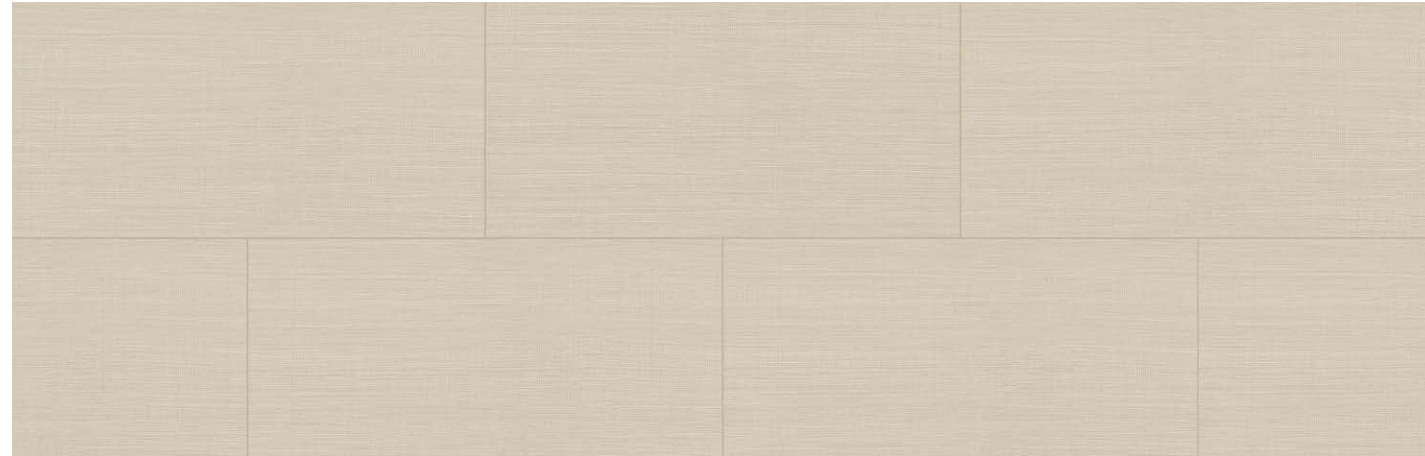
Restaurant | Desert NOI-45801

Design

Dimension
457.2 X 914.4 mm (18 X 36 inch)

Fabric | Beige

NOI-37202



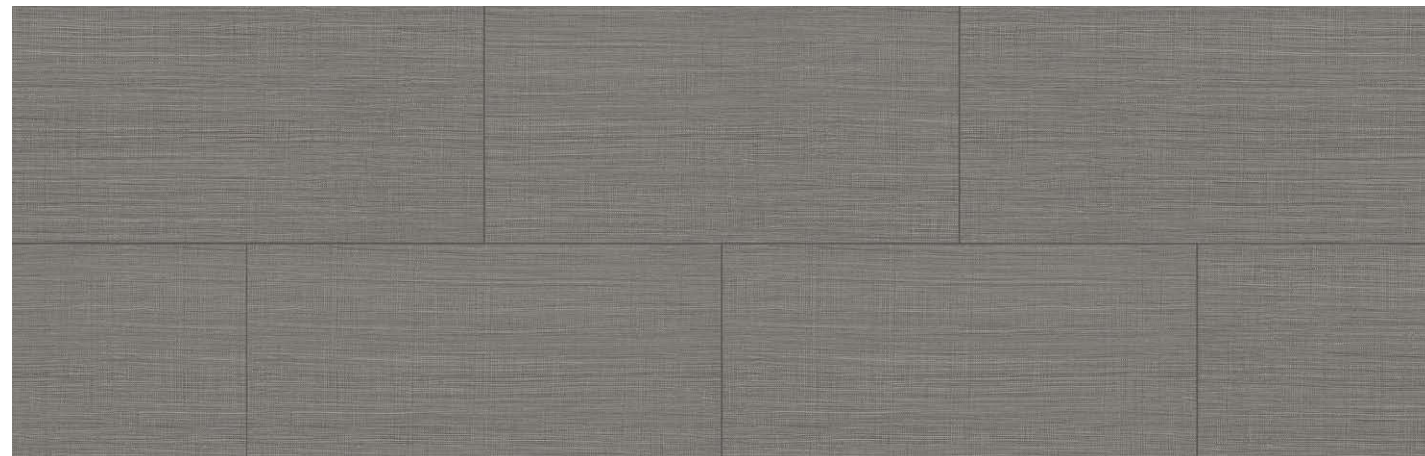
Fabric | Brown

NOI-37208



Fabric | Dark Grey

NOI-37209



Serpeggiante | Grey

NOI-34138



Serpeggiante | Dark Grey

NOI-34135



Neutral Wood



NOP-23353 NOP-4601 NOR-31235 NOP-44601 NOP-38610



NOP-4701 NOP-44603 NOP-10618 NOP-23366 NOP-10621

Warm Wood



NOP-5124 NOP-44502 NOP-46401 NOP-4702 NOR-40601



NOP-4603 NOP-44801 NOP-23101 NOP-4901 NOP-22015

Dark Wood



NOR-6420 NOP-38602 NOR-6421 NOP-44505 NOP-46403



NOP-46402 NOP-38608 NOP-44806 NOP-5125 NOR-40607

Natural-feel Wood



NOR-31235 NOR-40601 NOR-6421 NOR-6420 NOR-40607

Design



NOI-14312 NOI-14337 NOI-14343 NOI-24911 NOI-24909



NOI-1810 NOI-20509 NOI-1760 NOI-1761 NOI-44701



NOI-44704 NOI-44707 NOI-45801 NOI-45802 NOI-45803



NOI-37209 NOI-37202 NOI-37208 NOI-34138 NOI-34135

Diverse Design Solution

Surface Embossing

ORCHID+ with 9 different surface embossing textures including natural Embossed-In-Register



Edge Type

ORCHID+ can be supplied in 3 types of edges according to your request.



Technical Information

Installation Guidelines

- Prior to installation, the subfloor must be heated for 14days if heating is available, and if not, allow sufficient time to dry out completely.
- Room temperature must be maintained at 18°C or higher before and during installation.
- The flooring must be allowed to acclimate in the room to be installed for a minimum of 24 hours and be stacked flat on the floor to avoid bending the floor.
- Prior to installation, please ensure that both color and lot# are the same.
- When installing ORCHID+, be sure to keep dust, dirt or foreign particles away from the locking strip.

Maintenance

- Regularly sweep floor to remove sand and grit that can scratch floor.
- For best results, use only water with a mop. Avoid flooding the floor with too much water.
- For heavily soiled areas, use a neutral ph balanced floor cleaner.
- Use caution when lifting boxes.
- Promptly remove any standing water to avoid slippage.
- Keep ORCHID+ on the flat surface to keep it from warping

Size & Packing

Brand	Thickness [mm]	Wear layer	Size [mm]	Pcs/Box	Sqm/Box
ORCHID+	2.5	0.20mm / 0.55mm / 0.70mm	186 X 940	19	3.32
			180 X 1200	15	3.24
			304.8 X 609.6 (12" X 24")	18	3.34
			152.4 X 914.4 (6" X 36")	24	3.34
			457.2 X 457.2 (18" X 18")	16	3.34
			457.2 X 914.4 (18" X 36")	10	4.18
			600 X 600	12	4.32

Test Result

Product Specification	Srandard	Orchid+
Surface treatment (NOX EPT™)	ISO 22196 ASTM G21-15	Anti-Bacterial Anti-Fungi
Level of Use	ISO 10874	0.20mm : 22+
		0.55mm : 23, 33, 42
		0.70mm : 23, 34, 43
Total thickness	ISO 24346	+0.13mm / -0.10mm
Wearlayer Thickness	ISO 24340	+13% / - 10%
Weight (g/m²)	ISO 23997	+13% / - 10%
Dimensional stability & Curling after exposure to heat	ISO 23999	≤0.10%
		≤2.0mm
Abrasion group	EN 660-2	Class T
Castor Chair resistance	ISO 4918	No damage
Squareness & Straightness	ISO 24342	≤400mm : ≤0.25mm
		>400mm : ≤0.35mm
	ASTM F2055	≤0.01in
Residual indentation	ISO 24343-1	≤0.1mm
Static Load Limit	ASTM F970	≤0.005 in @ 250psi min
Light Fastness	ISO 105-B02	≥ 6
Slip resistance	EN 13893	DS
	DIN 51130	R10
Resistance to Chemicals	ISO 26987	No defects
Thermal resistance	EN 12667	0.017 (m²K/W)
Fire resistance	EN 13501-1	Bfl-s1
Body Voltage	EN 1815	≤2kV
Peel resistance	ISO 24345	More than 60N/50mm
Formaldehyde Group	EN 717-1	E1
VOC emissions	IAC GOLD CERTIFIED FLOOR SCORE CERTIFIED	Very low VOC