

# TABLE OF CONTENIS

About Us 3
LUMINOUS Collection 6
NASA Collection 28
PLANET Collection 50
ROMAN Collection 66
Technical Information 82
Summary 84













### We are nature!

ROYAL HOUSE LVP Planks feature an industry-tested and proven, reinforced rigid core-layer which includes advanced anti-microbial IXPE-15 padding that cushions your feet and perfects sound insulation and resistance against fading, chemicals and fire. Specially designed and engineered with high-performance acoustic padding, our flooring products are sound-proof and effectively reduce noise.

100% waterproof, scratch-resistant, and life-proof, our luxury vinyl collections feature European and American modern colorsanddesignstrendingintoday'smarket.FloorScore®-and GreenGuard®-certified, our LVP collections are manufactured using state-of-the-art technology. Manufactured with the environment in mind, our collections comply with rigorous industry-standards and are proven to be a sustainable and safe choice for homes and any residential & commercial project.

Designed to create luxury in any space & place, our ecofriendly LVP collections are the premium, high-performing and safe choice for pets, families, buildings and commercial structures for generations.

## INTRODUCTION

#### **UV COATING**

Scratch resistant, UV Ray resistance to prevent color fading.

#### WEAR LAYER.

Protect the surface from wear and tear, creates texture of wood or stone

#### DECOR FILM LAYER

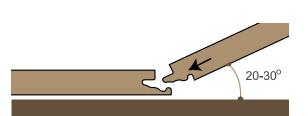
HD graphic printed on the film provides look and color of wood, stone or carpet

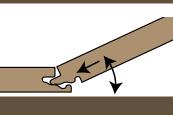
#### SPC CORE

Limestone power and PVC composite. Durable, waterproof, and fire retardant.

### BACK PADDING

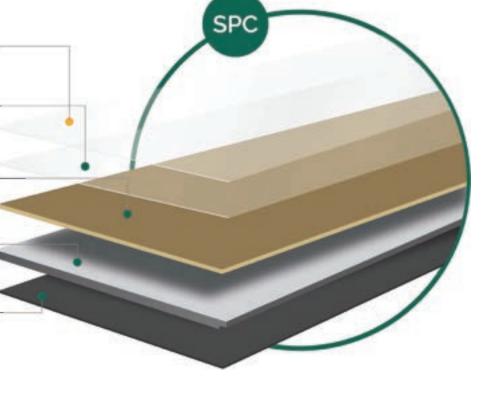
EVA or IXPE padding cushions your feet and improves sounds insulation.











#### UNICLIC LOCKING SYSTEM:

With the Uniclic locking system, planks click together with one simple movement.

Once installed, the Uniclic system ensures a very tight locking joint to prevent moisture going into the core.

#### Enjoys!



















# OUR PRODUCT

### LUMINOUS COLLECTION

Core: IXPE-15 Pad:

Wear layer:

0.3mm/12Mil

3.5 mm

Size: Bevel Edge: 1mm

48" x 7"

Square

# COLLECTION

Core: 4.5 mm IXPE-15 Pad:

0.3mm/12Mil Wear layer:

0.5mm/20Mil

1mm

Size: 48" x 9 1/16'

Bevel Edge:

### PLANET COLLECTION

Core: IXPE-15 Pad: Wear layer:

Size: Bevel Edge: 5.0 mm 1.5mm

0.5mm/20Mil 60" x 9 1/16"

**Painted** 

# COLLECTION

Core: 6.0 mm

IXPE-15 Pad: 2mm

0.5mm/20Mil Wear layer:

Size: 60" x 9 1/16"

Bevel Edge: **Painted** 

# LUMINOUS Collection

The newest collection in our LVP family, LUMINOUS features a timeless palette that adds a luxurious elegance to any space.

Our square-edged LUMINOUS Collection has a 12mm wear-layer with high-performing IXPE-15 padding which offers barrier protection and sound-reducing protection. Using the latest foam technology, IXPE padding is 100% waterproof, and impervious to mildew, mold, rot, and bacteria. With 4.5mm total thickness and a plank size of 7x48 inches and a DIY-friendly UniClic® locking system, installation is effortless, allowing contractors, builders and even homeowners a cost-effective and hassle-free flooring option that still comes with all the waterproof, scratch-resistant, and life-proof benefits of traditional LVP.

### LUMINOUS BESTSELLERS:

Lucid (natural oak, light)

Electric (grey)

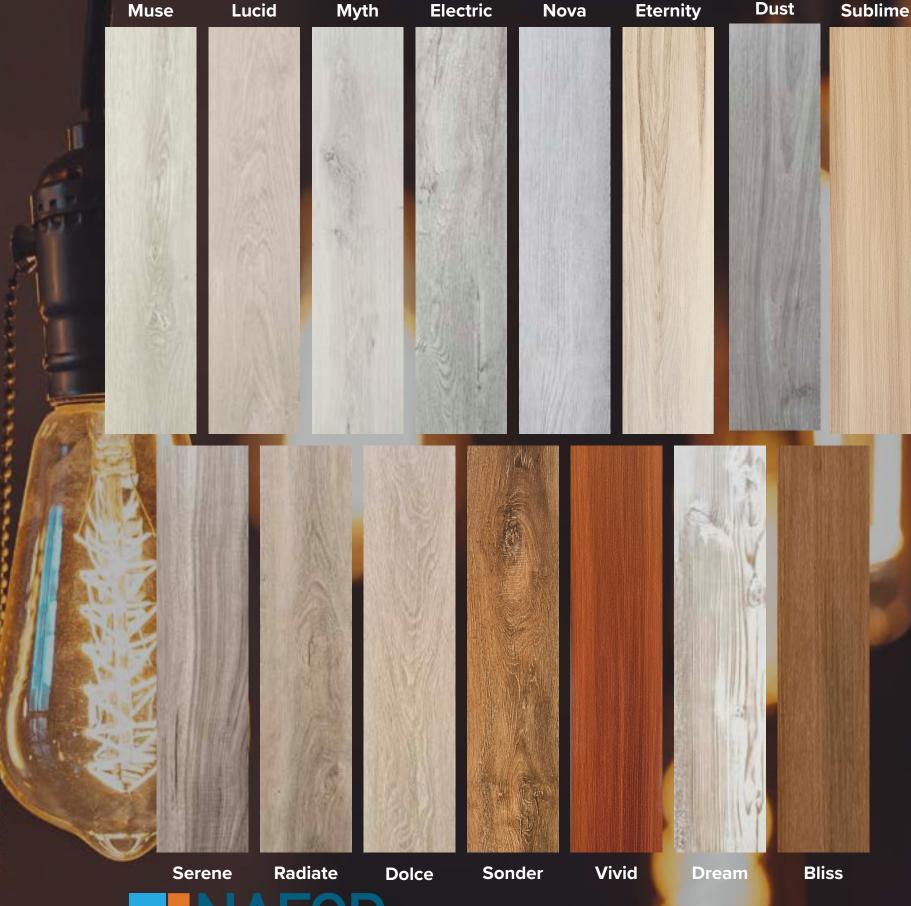
Radiate (natural oak, mid)











**Diamond** 













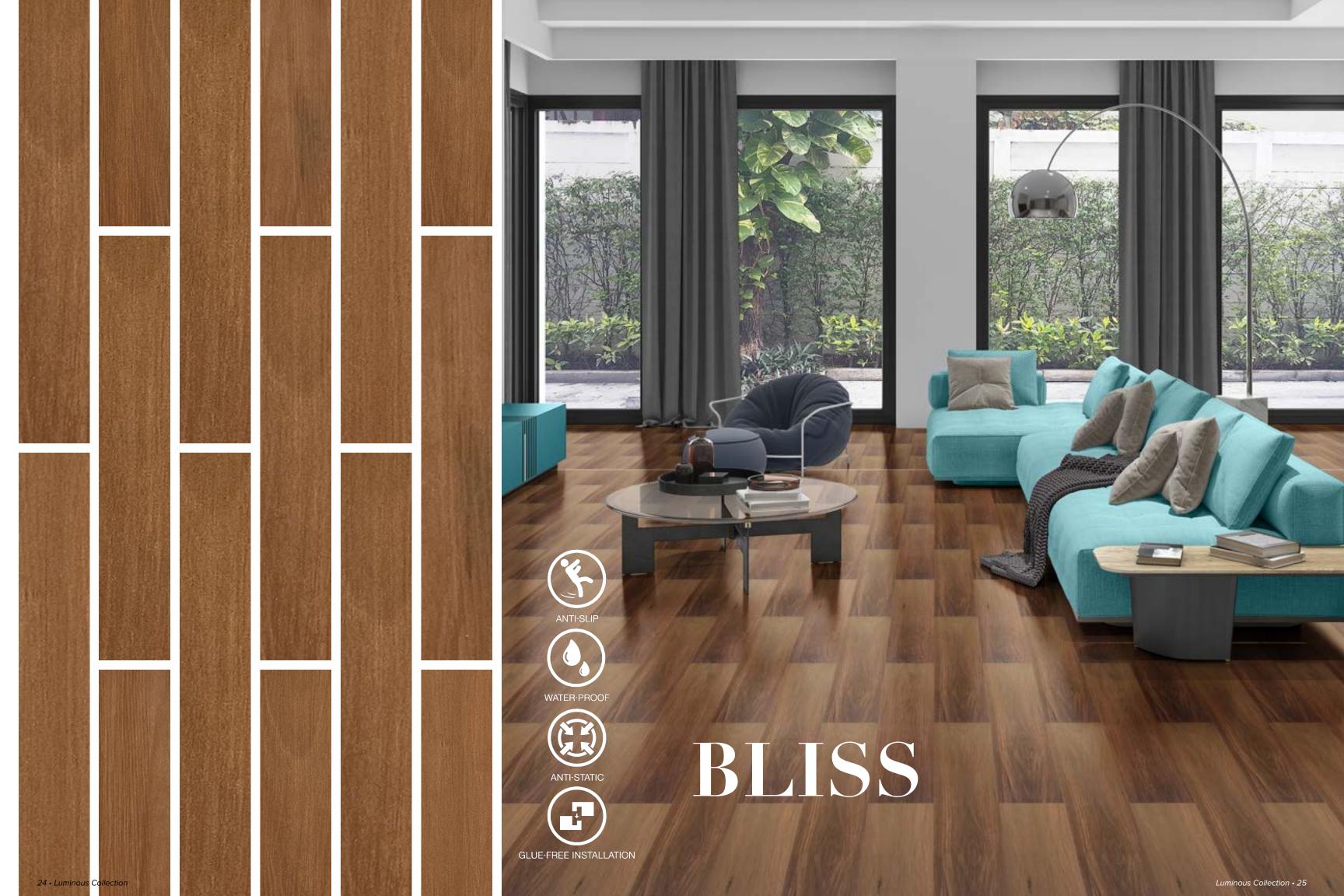


18 • Luminous Collection • 19





22 • Luminous Collection • 23





# NASA Collection

The NASA Collection is our micro-beveled LVP series — designed to fulfill all your design dreams, residential or commercial. With exceptional beauty and convenient 9x48" plank format perfect for commercial application, NASA offers user-friendly DIY-installation using glue-less Uniclic® locking system along with pre-attached backing for quiet, sound-proof everyday comfort. This rigid core flooring features technology that enables easy same-day installation for any project. Suitable for all grade levels, NASA is 100% waterproof LVP that's also lifeproofed thanks to the wear-layer coating that provides additional scratch-resistance and durability against everyday wear—and backed by a 25 year residential warranty. This is our most popular commercial collection.

In an classic array of over a dozen genuine wood looks and a palette of modern hues, the NASA Collection is what dream spaces are made of.

### NASA BESTSELLERS

Pioneer (natural oak, mid)
Voyager (natural oak, dark)
Gravity (natural oak, light)





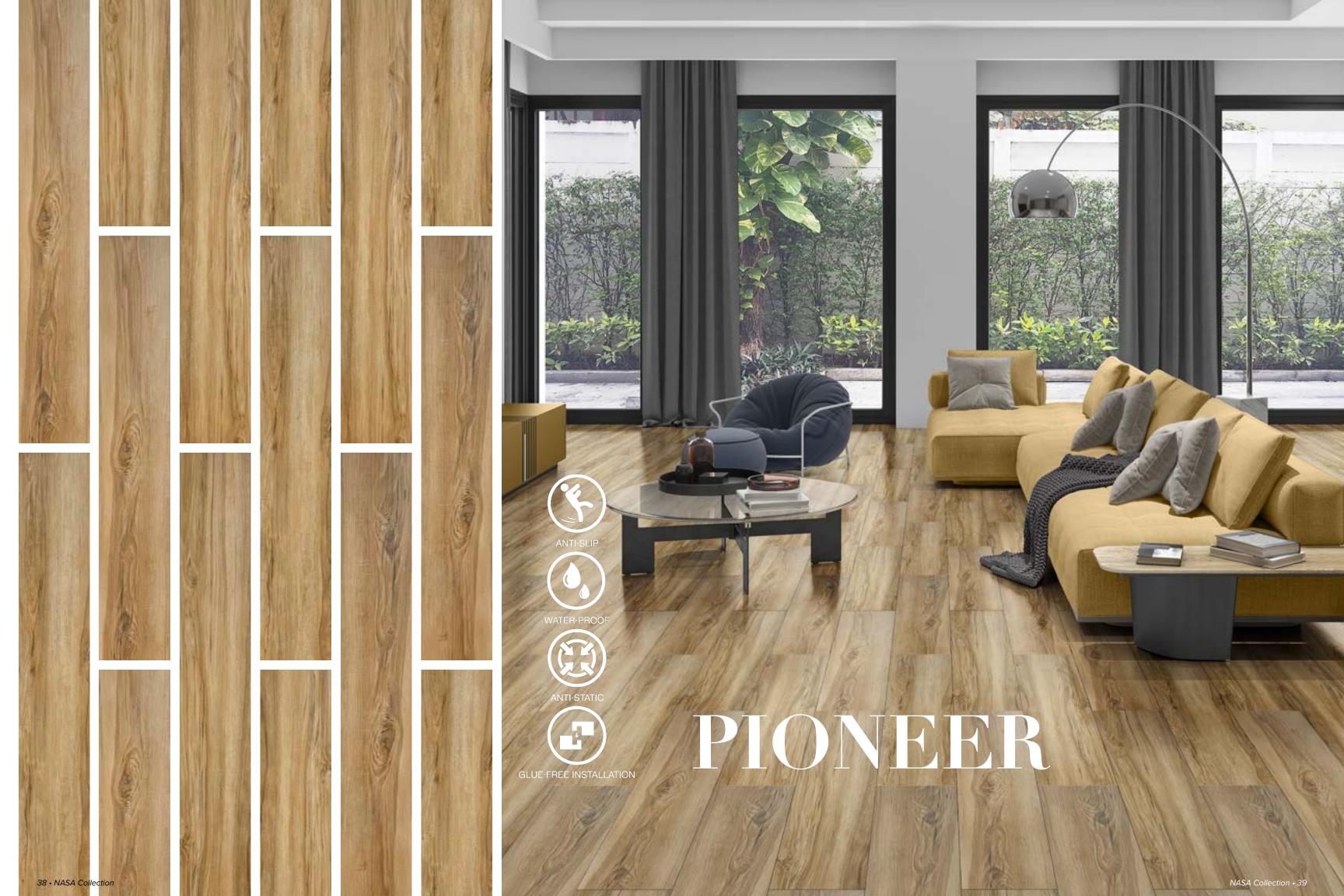








36 • NASA Collection NASA Collection • 37













# PLANET Collection

PLANET is one of our two painted-bevel collections with a 20mm wear-layer that provides the highest level of protection against fire, moisture and scratches to ensure that your flooring is life-proofed to keep pace with modern luxurious living. The Urethane UV coating is fade-resistant and provides high-performance chemical and scratch- resistance. Durable and 100% water-proof as the rest of our LVP collections, the PLANET collection is Anti-Slip, Moisture Proof and made of wear-resistant PVC core layer.

In addition to superior surface protection, what makes PLANET unique from our previous collections is its luxurious 9x60" plank size, thicker 1.5mm padding for smoother acoustic and sound protection, and deepembossing technology. The deep-embossed surface provides PLANET with a more lifelike feeling reminiscent of real wood texture. Combined with its diverse palette – from trendy natural oak to timeless deep mahogany brown to contemporary gray and white neutrals – in realistic grain patterns, the PLANET collection is the perfect answer to bringing the ease and convenience of modern luxurious living to your interior design vision. Like the number of planets in our vast galaxy, the possibilities are endless.

### PLANET BESTSELLERS

Earth (natural oak)
Mars (light neutral)
Saturn (grey)



















58 • Planet Collection Planet Collection







# ROMAN Collection

The other painted-bevel collection with a 20mm wear-layer that provides the highest level of life-proofed protection against fire, moisture and scratches, ROMAN is our most premium offering for timeless, high-class living. With its thick 6.0mm produced from the highest-quality virgin raw materials and 2mm IXPE padding which provides not only the highest anti-static rating and sound/thermal insulation but also the lushest floor cushioning and acoustics — all without compromising its sturdy and reliable Unilin angle-angle click installation — ROMAN sets the standard for what floating LVP can be.

The longer 9x60" plank sizes and deep embossed surfaces also give every design in this collection a more realistic wood feel that opens up any space it's featured in, making them feel grander and more opulent. The ROMAN collection's soothing natural wood tones and organic grain movements provide an unforgettable atmosphere of timeless essence, evoking a specific nostalgia – harkening back to the Roman monuments of old – for building something lasting that stood the test of time.

### ROMAN BESTSELLERS:

Roma (natural oak, light)
Athena (neutral, light)
Ares (rustic oak, mid)

























78 • Roman Collection • 79



# TECHNICAL INFORMATION







| CHARACTERISTICS                                      | ICON               | STANDARDS                                | MINIMUM-<br>REQUIREMENTS  | RESULT  |
|--|--------------------|--|---|---|
| Floorscore<br>Certification                          | sfloor             | SCS-EC10.3-2014v3.0                      | Refer to Standards  | Pass  |
| CE Certification                                     | C€                 | EN14041                                  | Refer to Standards  | Pass  |
| Fire Resistance                                      | B <sub>B</sub> -s1 | EN 9239-1<br>EN ISO11925-2<br>EN 13501-1 | Critical Fluxr>8.0kw/m<br>Fs<150mm within 20s<br>Smoke<750% minutes                   | Bfl-s1  |
| Slip Resistance                                      | 9 <u>75</u>        | EN13893                                  | N/A   | Class DS  |
| Phthalate Tests<br>(DBP/BBP/DEHP/DINP/<br>DNOP/DIDP) |                    | EN14372:2004                             | N/A   | Free  |
| Dimension Stability                                  | K 2                | ASTM F2199-09(R2014)                     | <0.25%  | MD: -0.046%<br>TD: -0.009%  |
| Sean Strength  | € →                | EN 684:1995                              | N/A   | Ave: 360N/50mm Pass<br>Min: 330N/50mm                                       |
| Residual Indentation (%)                             |                    | ASTM F1700-13a &<br>ASTM F1914-07(2011)  | Average value <8<br>Individual value <10  | 0.4 Pass  |
| Resistance To Chemicals                              |                    | ASTM F1700-13a &<br>ASTM F925-13         | No more than a slight<br>change in surface<br>dulling, surface<br>attack, or staining | No change in surface<br>dulling, surface attack, or<br>staining was deteced |
| Heat Stability                                       | <b>I</b> E         | ASTM F1514-03(R2013)                     | △ E* ab<8   | △ E* ab=0.67 Pass   |

| CHARACTERISTICS                                   | ICON       | STANDARDS                            | MINIMUM-<br>REQUIREMENTS | RESULT   |
|---|------------|--------------------------------------|--------------------------|--|
| Recovery Under<br>Static Load                     |            | ASTM F970-17                         | N/A                      | 0.04mm Pass  |
| Large Ball Impact<br>Resistance                   |            | NALFA/ANSI LF-01-2011                | N/A                      | No cracks or fractures<br>occurred at the height of<br>2500mm    |
| Static Electrical<br>Propensity                   | (A)        | EN 1815:2016 method A                | ≦2kV                     | 0.2kV  |
| Impact Insulation Class<br>with 1.5mm Padding     | (20)       | ASTM E492-09(2016)<br>ASTM E989-12   | N/A                      | I IC=65  |
| Sound Transmission<br>Class with 1.5mm<br>Padding | 20)        | ASTM E90-2009(R2016)<br>ASTM E413-10 | N/A                      | STC=62   |
| Formaldehyde                                      | E1<br>HCHO | ISO 17226-1:2008                     | N/A                      | Free   |
| Peel Resistance                                   | <u>₩</u>   | EN ISO 24345:2012                    | >54N/50mm                | Longitudinal<br>direction: 95N/50mm<br>Cross direction: 95N/50mm |
| Castor Chair Test                                 | 7          | ASTM D4060                           | N/A                      | Pass 25000 cycles  |
| Thermal Conductivity                              | 100        | EN 12667:2001                        | N/A                      | 0.154 W/(m.k)  |
| Thermal Resistance                                |            | EN 12667:2001                        | N/A                      | 0.033 (m <sub>2</sub> .K)/w                                      |

### SUMMARY

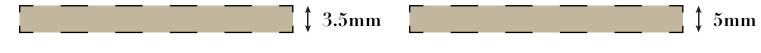
1. Size:

60"x 9 1/16"

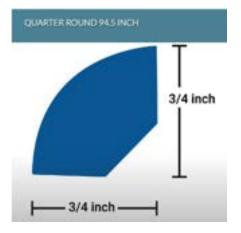
48"x 9  $^{1/16}$ "

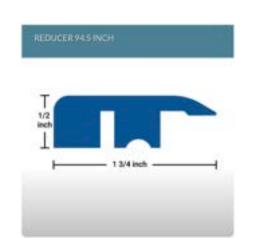
48"x 7 1/16"

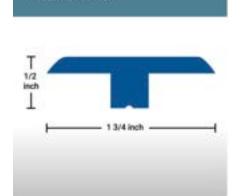
**2. Core:** 

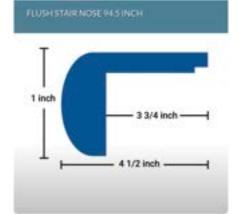


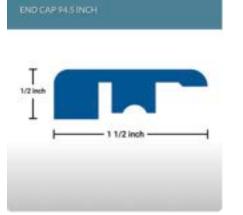
- 3. Accessories:

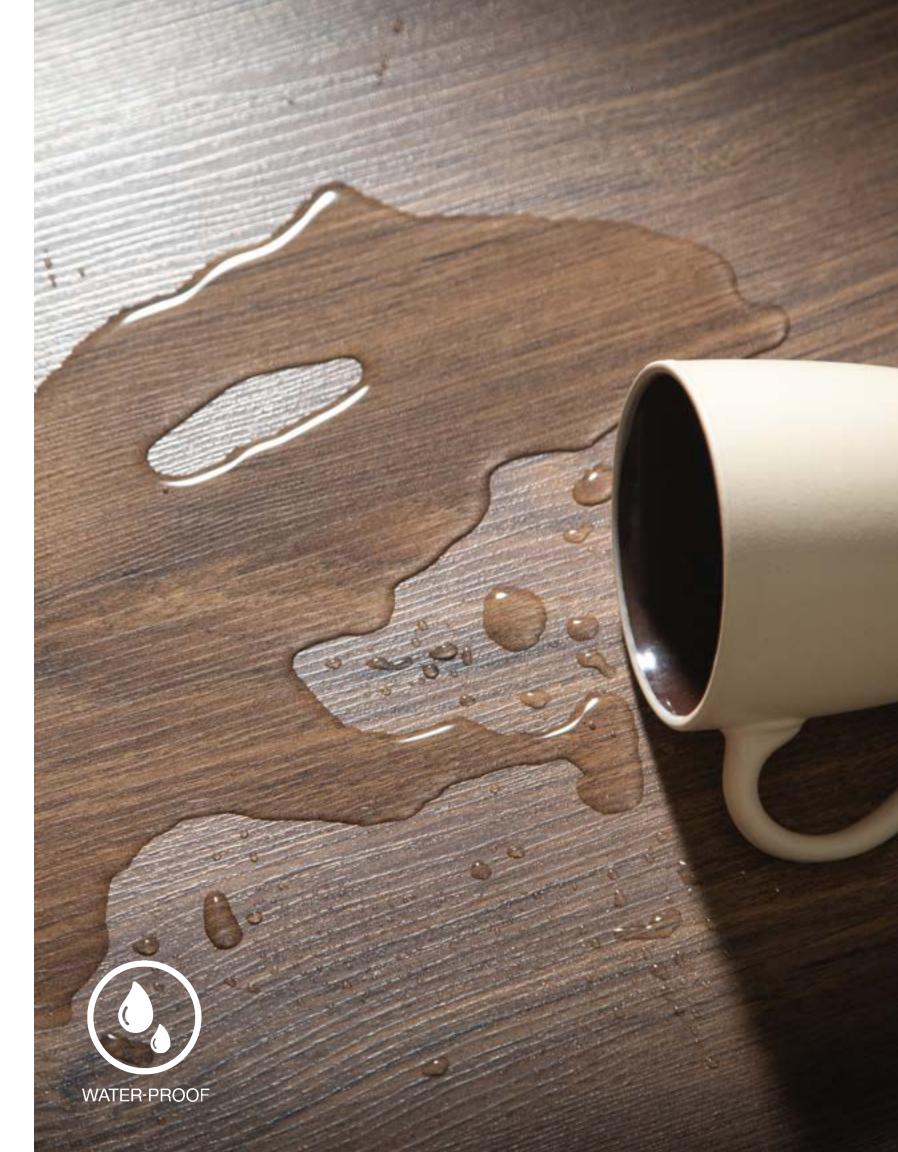
































#### **CALIFORNIA HEADQUARTERS**

3233 W Castor Street, Santa Ana, CA 92704 [**P**] (714) 277-3464 [**F**] (714) 224-0899

#### **TEXAS HEADQUARTERS**

22505 Imperial Valley Dr., Ste 105 – Houston, TX 77073 [**P**] (281) 784 – 2240 [**F**] (832) 583 – 0098