



VISIONARY  
LIVING  
COMMERCIAL FLOORS

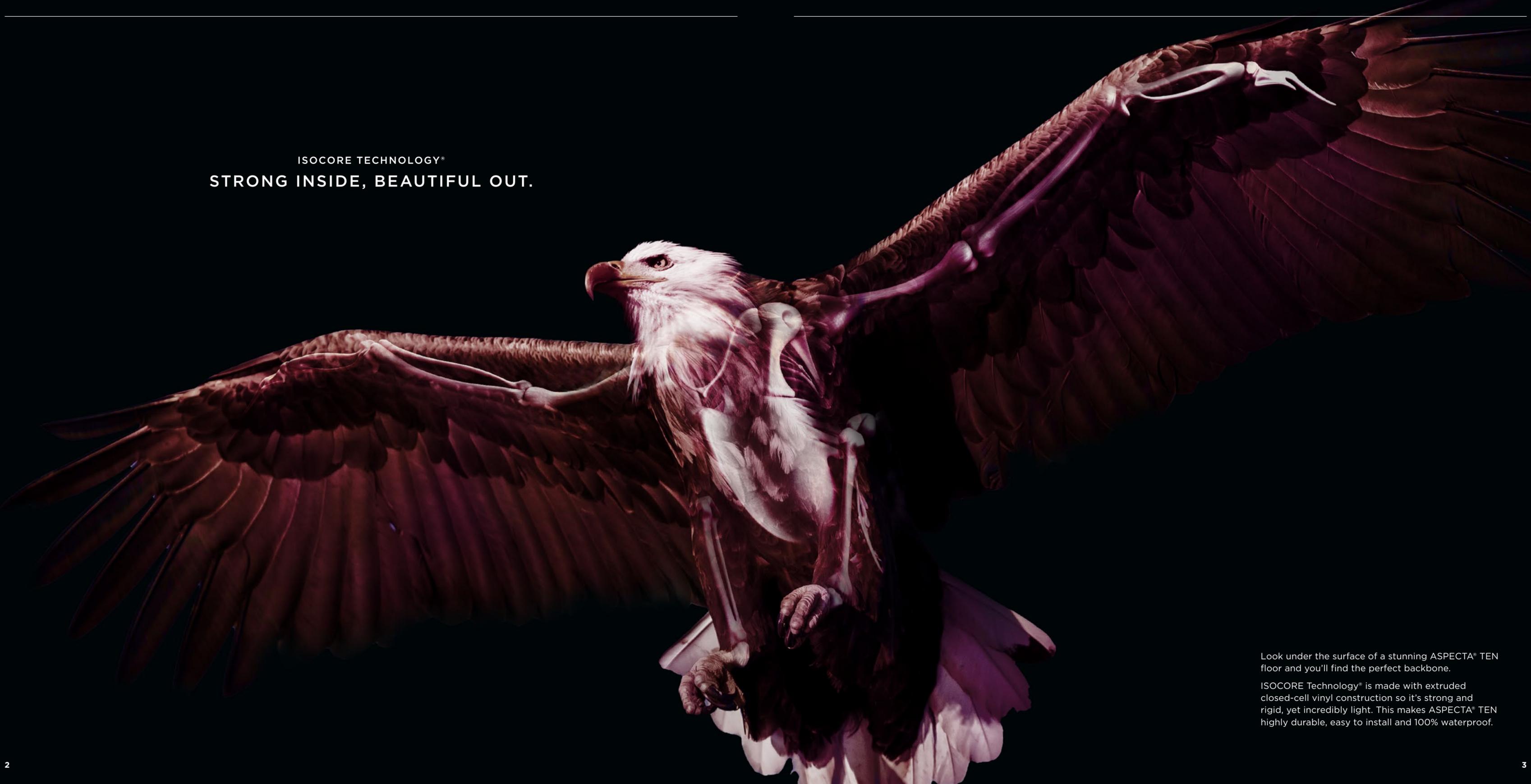


ASPECTA<sup>®</sup>  
TEN

Featuring  ISOCORE Technology<sup>®</sup>

A NEW DIMENSION IN FLOORING

ISOCORE TECHNOLOGY®  
STRONG INSIDE, BEAUTIFUL OUT.



Look under the surface of a stunning ASPECTA® TEN floor and you'll find the perfect backbone.

ISOCORE Technology® is made with extruded closed-cell vinyl construction so it's strong and rigid, yet incredibly light. This makes ASPECTA® TEN highly durable, easy to install and 100% waterproof.





## WOODS

A RANGE OF 24 PLANKS



## STONE, MASONRY & LEATHER

A RANGE OF 10 TILES

## WOODS

ASPECTA® TEN marks a whole new level of authenticity in wood grain design.

8.66" x 59.45"/220mm x 1510mm planks address the demand for larger plank and print widths. We have also introduced an XXL plank range which is available in the larger size of 8.62" x 71.61"/219mm x 1819mm. All of our planks feature in-register embossing textures that perfectly capture the intricate figuring and grain of reclaimed or repurposed wood.

ASPECTA® TEN designs come in a carefully curated selection of colors, offering everything from rich wood tones to dramatic darks and striking, neutral greys. Whether hospitality, retail or office space, these new wood finishes have the flair to bring together any interior.





**BRINDLE OAK**

A time-worn weathered oak, the soft grain and subtle colors of Brindle Oak give any room a feeling of instant comfort and familiarity. It creates a warm, welcoming mood that can unify a space without overpowering it.

Size: 8.66" x 59.45"/220mm x 1510mm  
Edge Detail: Micro-Bevel  
Emboss: In-Register



**BRINDLE OAK - COLOR: BURNT SAND - PATTERN# 0412312**



**BRINDLE OAK - COLOR: SUN DRIED - PATTERN# 0412318**



**BRINDLE OAK - COLOR: SAND DRIFT - PATTERN# 0412316**

With its refined, multi-layered stain and hand-rubbed oak, Tally Oak lends an understated elegance to any space. The distinctive grain scale and eye-catching figuring carries through all seven colors, offering a full complement of choices.

Size: 8.66" x 59.45"/220mm x 1510mm  
Edge Detail: Micro-Bevel  
Emboss: In-Register



TALLY OAK - COLOR: GOOD BROWN - PATTERN# 0412418



TALLY OAK - COLOR: BURNISHED GOLD - PATTERN# 0412142



TALLY OAK - COLOR: LIGHT GREY - PATTERN# 0412416



TALLY OAK



TALLY OAK - COLOR: SMOKE BROWN - PATTERN# 0412147



TALLY OAK - COLOR: BROWN - PATTERN# 0412144



TALLY OAK - COLOR: TAN - PATTERN# 0412141

Tanley Hall harnesses the character of reclaimed wood in a sophisticated, unfussy style. Strong cathedral figuring along each plank combines with a hint of the 'cross fire' effect you'd see in a rift cut library panel to give it real personality.

Size: 8.66" x 59.45"/220mm x 1510mm

Edge Detail: Micro-Bevel

Emboss: In-Register



TANLEY HALL - COLOR: BURNT SIENNA - PATTERN# 0414715



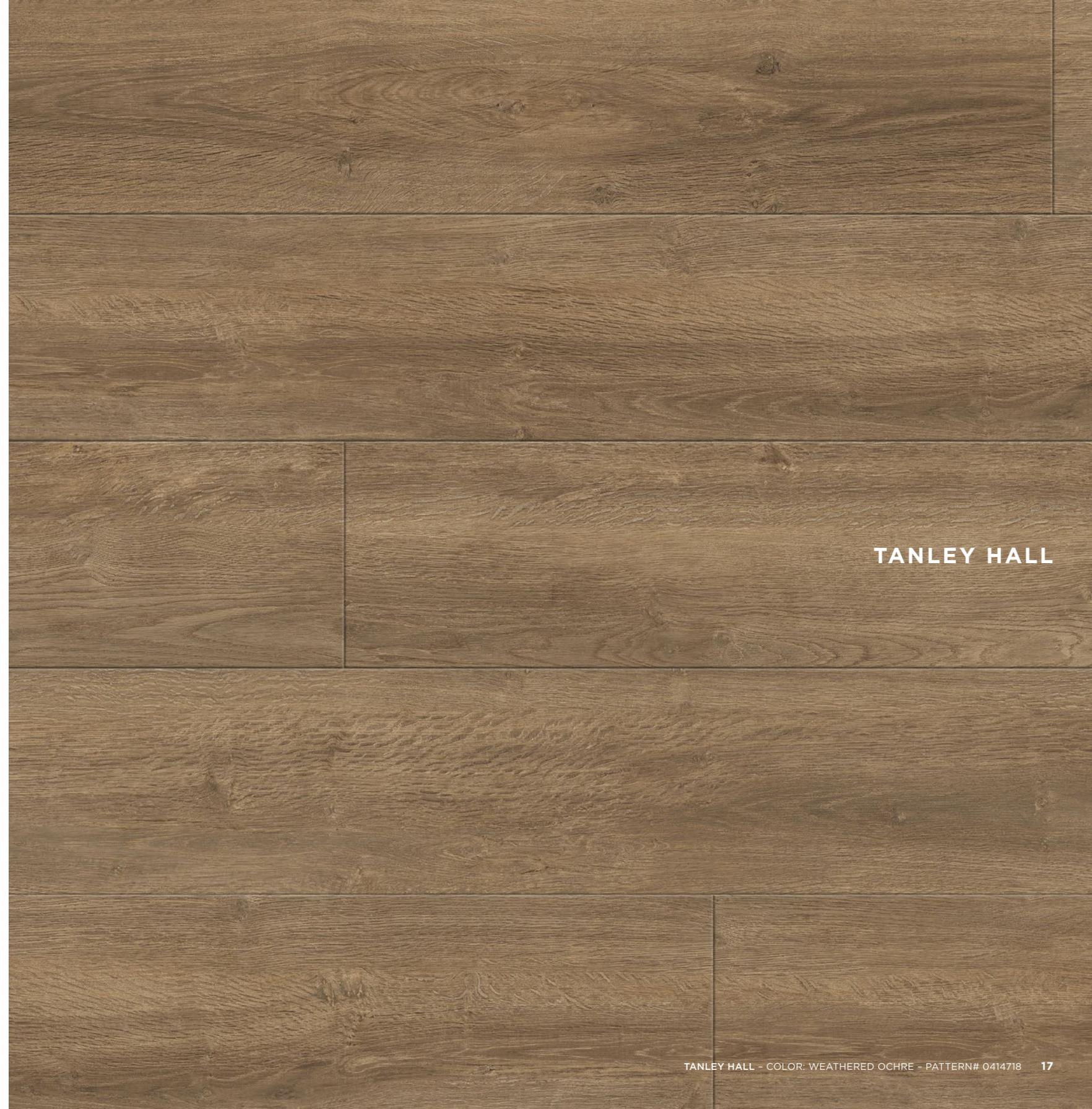
TANLEY HALL - COLOR: SHALE - PATTERN# 0414717



TANLEY HALL - COLOR: RUSTIN - PATTERN# 0414711



TANLEY HALL - COLOR: COCO - PATTERN# 0414710



TANLEY HALL



RUNYON OAK

Runyon Oak is the most dramatic in character - an authentically raw ranch look, suitable for everywhere from chic boutiques to beachside bistros. Like your favorite denim jacket, it matches any look, particularly with the range of neutral greys that are available.

Size: 8.66" x 59.45"/220mm x 1510mm  
Edge Detail: Micro-Bevel  
Emboss: In-Register



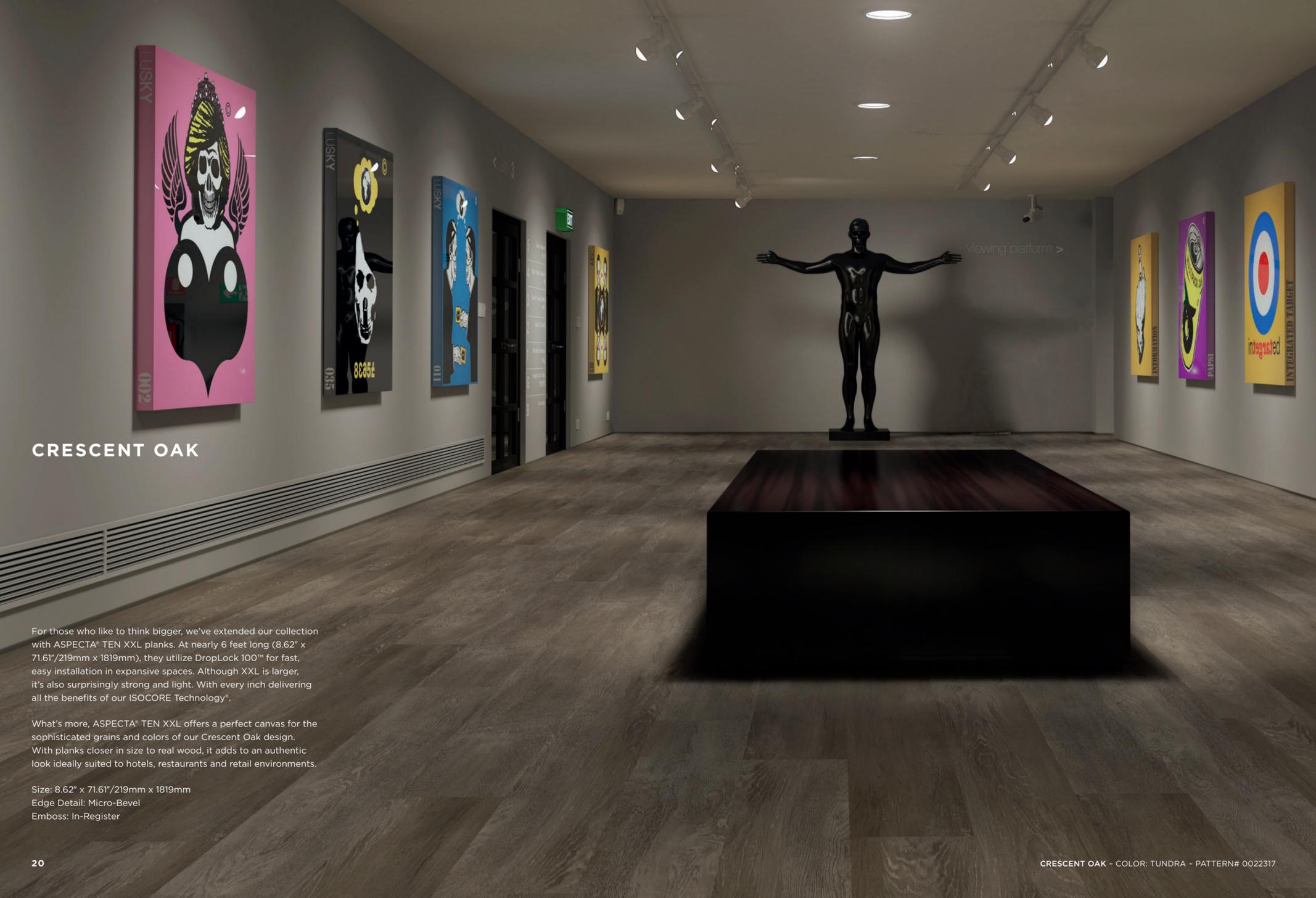
RUNYON OAK - COLOR: MIDNIGHT - PATTERN# 0412515



RUNYON OAK - COLOR: NATURAL AGED - PATTERN# 0412512



RUNYON OAK - COLOR: ASHEN - PATTERN# 0412516



**CRESCENT OAK**

For those who like to think bigger, we've extended our collection with ASPECTA® TEN XXL planks. At nearly 6 feet long (8.62" x 71.61"/219mm x 1819mm), they utilize DropLock 100™ for fast, easy installation in expansive spaces. Although XXL is larger, it's also surprisingly strong and light. With every inch delivering all the benefits of our ISOCORE Technology®.

What's more, ASPECTA® TEN XXL offers a perfect canvas for the sophisticated grains and colors of our Crescent Oak design. With planks closer in size to real wood, it adds to an authentic look ideally suited to hotels, restaurants and retail environments.

Size: 8.62" x 71.61"/219mm x 1819mm  
 Edge Detail: Micro-Bevel  
 Emboss: In-Register



CRESCENT OAK - COLOR: NORTH FACE - PATTERN# 0022312



CRESCENT OAK - COLOR: TUNDRA - PATTERN# 0022317



CRESCENT OAK - COLOR: SOUTH FACE - PATTERN# 0022316



CRESCENT OAK - COLOR: CIRRUS - PATTERN# 0022314

# WOODS

ASPECTA® TEN designs come in a carefully curated selection of colors, offering everything from rich wood tones to dramatic darks and striking, neutral greys – all complemented by an in-register emboss. The designs measure 8.66" x 59.45"/220mm x 1510mm; while our XXL planks are longer at 8.62" x 71.61"/219mm x 1819mm. Whether hospitality, retail or office space, these new wood finishes have the flair to bring together any interior.



CRESCENT OAK - COLOR: CIRRUS - PATTERN# 0022314



TALLY OAK - COLOR: LIGHT GREY - PATTERN# 0412416



BRINDLE OAK - COLOR: SAND DRIFT - PATTERN# 0412316



TALLY OAK - COLOR: BURNISHED GOLD - PATTERN# 0412142



CRESCENT OAK - COLOR: SOUTH FACE - PATTERN# 0022316



CRESCENT OAK - COLOR: TUNDRA - PATTERN# 0022317



TANLEY HALL - COLOR: WEATHERED OCHRE - PATTERN# 0414718



TANLEY HALL - COLOR: RUSTIN - PATTERN# 0414711



RUNYON OAK - COLOR: ASHEN - PATTERN# 0412516



TANLEY HALL - COLOR: SHALE - PATTERN# 0414717



CRESCENT OAK - COLOR: NORTH FACE - PATTERN# 0022312



BRINDLE OAK - COLOR: SUN DRIED - PATTERN# 0412318



TALLY OAK - COLOR: TAN - PATTERN# 0412141



BRINDLE OAK - COLOR: BURNT SAND - PATTERN# 0412312



TANLEY HALL - COLOR: COCO - PATTERN# 0414710



RUNYON OAK - COLOR: NATURAL AGED - PATTERN# 0412512



RUNYON OAK - COLOR: GREIGE - PATTERN# 0412514



BRINDLE OAK - COLOR: EVENING SMOKE - PATTERN# 0412319



TALLY OAK - COLOR: BROWN - PATTERN# 0412144



TALLY OAK - COLOR: GOOD BROWN - PATTERN# 0412418



RUNYON OAK - COLOR: MIDNIGHT - PATTERN# 0412515



TALLY OAK - COLOR: OILED CHARCOAL - PATTERN# 0412419



TALLY OAK - COLOR: SMOKE BROWN - PATTERN# 0412147



TANLEY HALL - COLOR: BURNT SIENNA - PATTERN# 0414715



## STONE, MASONRY & LEATHER

For the ASPECTA® TEN stone range we wanted a suite of color and textural choices varied enough to complement your vision, whatever the project.

Drawing inspiration from unexpected areas, our three tile designs measure 17.64" x 35.67"/448mm x 906mm, combine the very latest innovations in production with realistic embossing to offer something truly unique. Something that not only enhances the appeal of your environment, but is designed to endure and impress for many years to come.



FULTON HYDE

Fulton Hyde delivers a strikingly unique leather patina in two rich tones. Intricate rivulets of wear cracks tell the story of age worn proudly, a well-loved item whose comfort-folds and blemishes are only enhanced by time.

Size: 17.64" x 35.67"/448mm x 906mm  
Edge Detail: Micro-Bevel  
Emboss: Calf Skin



FULTON HYDE - COLOR: BURNT CHILI - PATTERN# 0643713



FULTON HYDE - COLOR: BURNT CARAMEL - PATTERN# 0643712

A deceptively rich concrete detail, Urban Grid can enhance most design approaches, offering a versatile, contemporary dimension. The scale of this concrete patterning and the color range provide an expansive foil to any designer.

Size: 17.64" x 35.67"/448mm x 906mm  
Edge Detail: Micro-Bevel  
Emboss: Honed Stone



URBAN GRID - COLOR: PRECAST GREY - PATTERN# 0661215



URBAN GRID - COLOR: ARCTIC IVORY - PATTERN# 0661212



URBAN GRID - COLOR: DARK GRAPHITE - PATTERN# 0661214



URBAN GRID - COLOR: AGED SLATE - PATTERN# 0661213





CORNETO

A clean abstracted Corneto, this stone draws inspiration from a metal so wonderfully corroded by the decades that, once translated into a design, feels so organic it's hard to believe its origins are not in nature.

Size: 17.64" x 35.67"/448mm x 906mm  
 Edge Detail: Micro-Bevel  
 Emboss: Coral



CORNETO - COLOR: CAMBRIAN - PATTERN# 06441109



CORNETO - COLOR: CLOUD - PATTERN# 06441104



CORNETO - COLOR: SHALE GREY - PATTERN# 06441108



CORNETO - COLOR: ECRU - PATTERN# 06441105

# STONE, MASONRY & LEATHER

Drawing inspiration from unexpected areas, our three tile designs measure 17.64" x 35.67"/448mm x 906mm and combine the very latest innovations in production. The designs feature realistic Calf Skin, Coral and Honed Stone embossings, so as to offer something truly unique. Something that not only enhances the appeal of your environment, but is designed to endure and impress for many years to come.



CORNETO - COLOR: CLOUD - PATTERN# 06441104



CORNETO - COLOR: ECRU - PATTERN# 06441105



CORNETO - COLOR: SHALE GREY - PATTERN# 06441108



CORNETO - COLOR: CAMBRIAN - PATTERN# 06441109



URBAN GRID - COLOR: ARCTIC IVORY - PATTERN# 0661212



URBAN GRID - COLOR: PRECAST GREY - PATTERN# 0661215



URBAN GRID - COLOR: AGED SLATE - PATTERN# 0661213



URBAN GRID - COLOR: DARK GRAPHITE - PATTERN# 0661214



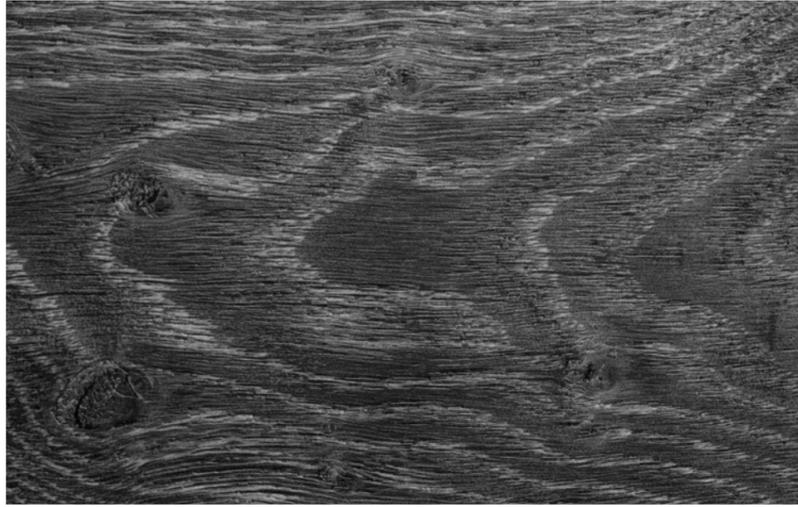
FULTON HYDE - COLOR: BURNT CHILI - PATTERN# 0643713



FULTON HYDE - COLOR: BURNT CARAMEL - PATTERN# 0643712

## EMBOSS

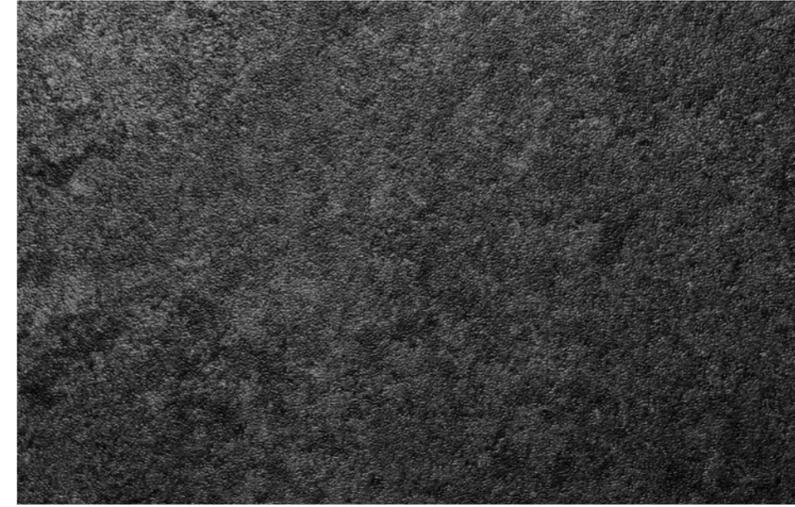
Discover ASPECTA® TEN's stunning collection of in-register wood embosses. The ASPECTA® TEN Tile boasts a range of unique embossing techniques: Honed Stone, Calf Skin and Coral.



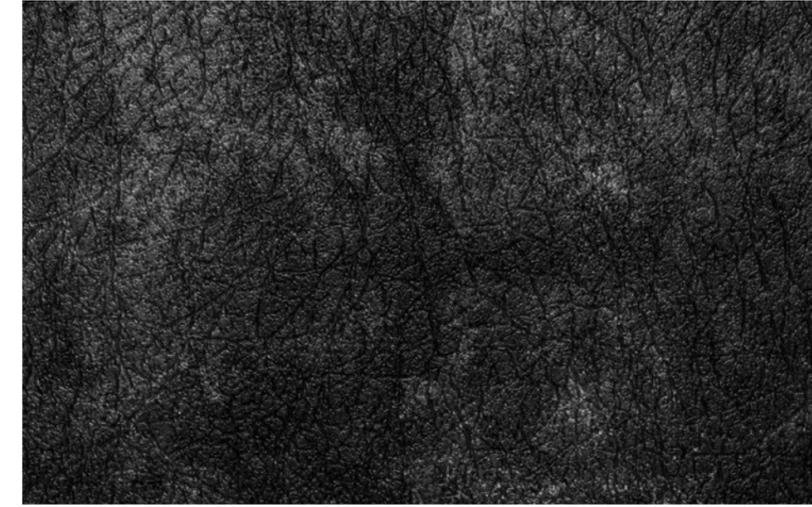
**TALLY OAK** - A classic white oak that has been wire brushed, then hand rubbed with tong oil and colored beeswax. The embossing was created to enhance the rich graphic grain pattern of the wood.



**TANLEY HALL** - A traditional oak look with even graining and small, tight cathedrals. The embossing brings out the tried-and-true character of this design.



**URBAN GRID** - Urban Grid uses honed stone embossing, which is a smooth all-over texture that gives a simple yet elegant surface with a soft lustre.



**FULTON HYDE** - The calf skin embossing of this design adds an overall texture without being overpowering. It delivers a distinct two-toned leather patina, with cracks and wear that only get better with age.



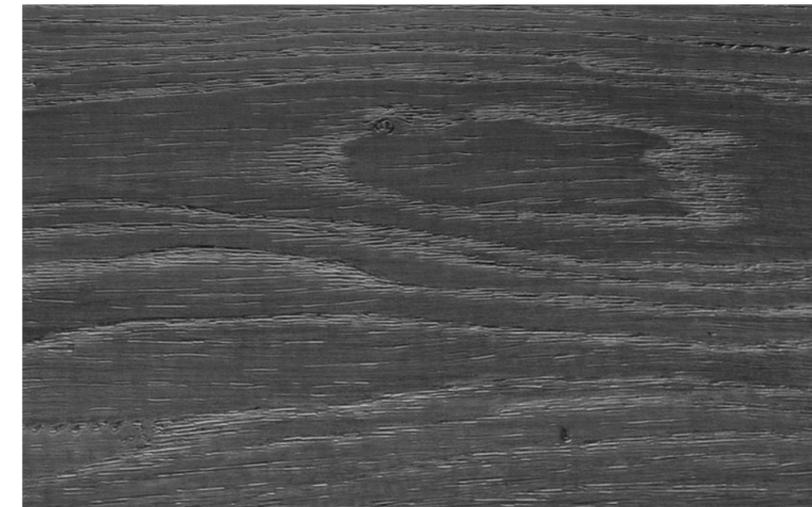
**BRINDLE OAK** - Inspired by the mature oak planks found on an old spring house in Wyoming, this embossing captures the fine lines of the wood that years of exposure to the elements create.



**RUNYON OAK** - This design evokes the rustic and unyielding character of the Old West. The embossing follows the long grain lines of the wood through all its years of growth, combined with the print to create a unique and dramatic effect.



**CORNETO** - The coral texture of Corneto gives a beautifully smooth texture with a subtle natural stone effect.



**CRESCENT OAK** - Rich in depth and variation, the Crescent Oak emboss beautifully complements the reclaimed look of our XXL design. Leaving an authentic finish, even under the closest scrutiny.

## TECHNICAL DETAILS

ASPECTA® TEN is available in larger plank and tile formats, making it much easier and quicker to lay. Available sizes:

### XXL PLANK



### PLANK



### TILE



## TECHNICAL DETAILS

## TECHNICAL DETAILS - US

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 0.394" GAUGE/28MIL WEAR LAYER)			
<b>Construction</b> Extruded Vinyl Core Top Layer Pre-Attached Underlayment	5.0mm (0.197") ISOCORE Technology® 3.0mm (0.118") Luxury Vinyl Tile (LVT) 2.0mm (0.079") IXPE with Ultra-Fresh	5.0mm (0.197") ISOCORE Technology® 3.0mm (0.118") Luxury Vinyl Tile (LVT) 2.0mm (0.079") IXPE with Ultra-Fresh	5.0mm (0.197") ISOCORE Technology® 3.0mm (0.118") Luxury Vinyl Tile (LVT) 2.0mm (0.079") IXPE with Ultra-Fresh
<b>Use¹</b>	Commercial	Commercial	Commercial
<b>Size</b>	8.66" x 59.45" (220mm x 1510mm)	8.62" x 71.61" (219mm x 1819mm)	17.64" x 35.67" (448mm x 906mm)
<b>Wear Layer</b>	28mil (0.7mm)	28mil (0.7mm)	28mil (0.7mm)
<b>Edge Detail</b>	Micro-Bevel Edge	Micro-Bevel Edge	Micro-Bevel Edge
<b>Finish</b>	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh
<b>Gauge</b>	10.0mm (0.394")	10.0mm (0.394")	10.0mm (0.394")
<b>Pieces/Carton</b>	5	4	5
<b>Coverage/Piece</b>	3.576 Sq.Ft. (0.332 Sq.M.)	4.2875 Sq.Ft. (0.3975 Sq.M.)	4.374 Sq.Ft. (0.405 Sq.M.)
<b>Coverage/Carton</b>	17.88 Sq.Ft. (1.66 Sq.M.)	17.15 Sq.Ft. (1.59 Sq.M.)	21.87 Sq.Ft. (2.025 Sq.M.)
<b>Coverage/Pallet</b>	36 Cartons/Pallet (643.68 Sq.Ft./59.76 Sq.M.)	64 Cartons/Pallet (1,097.6 Sq.Ft./101.76 Sq.M.)	30 Cartons/Pallet (656.1 Sq.Ft./60.75 Sq.M.)
<b>Coverage/Container</b>	30 Pallets/Container (19,310.4 Sq.Ft./1,792.8 Sq.M.)	15 Pallets/Container (16,464 Sq.Ft./1,526.4 Sq.M.)	29 Pallets/Container (19,026.9 Sq.Ft./1,761.75 Sq.M.)
<b>Aspecta® Ten Limited Commercial Warranty²</b>	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labor: 10 Years (Pro-Rated)
<b>FloorScore® Certificate No.</b>	SCS-FS-03808	SCS-FS-03333	SCS-FS-03808
<b>NSF/ANSI 332 Certificate No.</b>	SCS-RF-04041 (Gold Certification)	SCS-RF-04041 (Gold Certification)	SCS-RF-04041 (Gold Certification)

NORTH AMERICAN STANDARDS - SAFETY & PERFORMANCE			
Standard	Description	Requirements	Results
ASTM E648	Radiant Panel (Critical Radiant Flux)	Class I: ≥0.45 W/cm²	Passes Requirements
ASTM E662	Smoke Density	Flaming & Non-Flaming ≤450	Passes Requirements
ASTM D2047	Coefficient of Friction (Slip Resistance)	N/A	≥0.6 (Dry)
ASTM F970	Static Load	±0.005", 250-Lbs. Load	Passes Requirements
SIM TEST	Static Load Limit	Test to Limit (±0.005")	≥650 lbs.
ASTM F2199	Dimensional Stability	≤0.020"/Linear Foot	Surpasses Requirements
ASTM F925	Chemical Resistance	No more than "Slight Change"	Surpasses Requirements
ASTM F1514	Resistance to Heat	Average & Max ΔE <8.0	Surpasses Requirements
ASTM F1515	Resistance to Light	Average & Max ΔE <8.0	Surpasses Requirements
ASTM G21³	Antifungal Activity	N/A	Top: 1; Bottom: 0-1
CDPH/EHLB STANDARD v1.2	VOCs/TVOCs, Formaldehyde	Refer to Standard	Passes Requirements
ASTM F963	Heavy Metals	Refer to Standard	Passes Requirements
ASTM D7823/CPSC-CH-C1001-09.3	Phthalates	Refer to CPSIA⁴	Passes Requirements
ASTM F410	Wear Layer Thickness	Commercial: ≥20mil (0.5mm)	Passes Requirements
ASTM D4060⁵	Abrasion Resistance	N/A	Average: 27,500 Cycles

NORTH AMERICAN STANDARDS - SOUND				
Standard	Description	Assembly	IBC Requirements⁶	Results
ASTM E90 & ASTM E413	Airborne Sound Transmission Loss of Building Partitions and Elements (STC/Sound Transmissions Class)	6" Concrete Slab	STC ≥50	STC 50 (Passes Requirements)
		6" Concrete Slab + Drop-Ceiling	STC ≥50	STC 60 (Surpasses Requirements)
ASTM E492 & ASTM E989	Impact Sound Transmission Through Floor-Ceiling Assemblies (IIC/Impact Insulation Class)	6" Concrete Slab	IIC ≥50	IIC 50 (Passes Requirements)
		6" Concrete Slab + Drop-Ceiling	IIC ≥50	IIC 69 (Surpasses Requirements)
ASTM E2179 & ASTM E989	Effectiveness of Floor Coverings in Reducing Impact Sound Transmission (ΔIIC / ΔImpact Insulation Class)	6" Concrete Slab	N/A	ΔIIC 22

NALFA/ANSI STANDARDS (LF-01-2011) - PERFORMANCE						
Standard	Description	Class 1 (Residential)	Class 2 (Light Commercial)	Class 3 (Commercial)	Class 4 (Heavy Commercial)	Meets Requirements
Section 3.2	Thickness Swell	≤18%	≤16%	≤16%	≤12%	Classes 1-4
Section 3.5⁷	Large Ball IR	>800mm/31.5"	>1,000mm/39.4"	>1,200mm/47.3"	>1,400mm/55.1"	Classes 1-4
Section 3.6⁷	Small Ball IR	>200mm/7.9"	>200mm/7.9"	>350mm/13.8"	>500mm/19.7"	Classes 1-4
Section 3.10	Surface Bonding	1 N/mm²	1.25 N/mm²	1.25 N/mm²	1.5 N/mm²	Classes 1-4

### FOOTNOTES

- Use:** Refer to Recommended Use PDF for Recommended Commercial Areas
- Aspecta® Ten Limited Commercial Warranty:** Please see full terms and conditions of our warranties at [www.aspecta flooring.com](http://www.aspecta flooring.com)
- ASTM G21:** Top Surface (LVT) scored 1 (Traces of Growth; <10% Growth); Bottom Surface (Underlayment) scored 0-1 (No Growth to Traces of Growth; 0-<10% Growth)
- CPSIA:** Consumer Product Safety Improvement Act
- ASTM D4060:** Results vary with emboss
- IBC:** International Building Code
- NALFA Sections 3.5 & 3.6:** Tests for Impact Resistance (IR)

# TECHNICAL DETAILS - EUROPE/INTERNATIONAL

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 10.0MM/0.70 MM)			
Construction Extruded Vinyl Core Top Layer Pre-Attached Underlay	5.0mm (0.197") ISOCORE Technology® 3.0mm (0.118") Luxury Vinyl Tile (LVT) 2.0mm (0.079") IXPE with Ultra-Fresh	5.0mm (0.197") ISOCORE Technology® 3.0mm (0.118") Luxury Vinyl Tile (LVT) 2.0mm (0.079") IXPE with Ultra-Fresh	5.0mm (0.197") ISOCORE Technology® 3.0mm (0.118") Luxury Vinyl Tile (LVT) 2.0mm (0.079") IXPE with Ultra-Fresh
Use¹	Commercial	Commercial	Commercial
Size	220mm x 1510mm (8.66" x 59.45")	219mm x 1819mm (8.62" x 71.61")	448mm x 906mm (17.64" x 35.67")
Wear Layer	0.7mm (28mil)	0.7mm (28mil)	0.7mm (28mil)
Edge Detail	Micro-Bevel Edge	Micro-Bevel Edge	Micro-Bevel Edge
Finish	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh	Urethane with Enhanced Ceramic Bead (ECB) & Ultra-Fresh
Thickness	10.0mm (0.394")	10.0mm (0.394")	10.0mm (0.394")
Mass per Unit Area	10.8kg/m²	10.8kg/m²	10.8kg/m²
Pieces/Carton	5	4	5
Coverage/Piece	0.332 Sq.M. (3.576 Sq.Ft.)	0.3975 Sq.M. (4.2875 Sq.Ft.)	0.405 Sq.M. (4.374 Sq.Ft.)
Coverage/Carton	1.66 Sq.M. (17.88 Sq.Ft.)	1.59 Sq.M. (17.15 Sq.Ft.)	2.025 Sq.M. (21.87 Sq.Ft.)
Coverage/Pallet	36 Cartons/Pallet (59.76 Sq.M./643.68 Sq.Ft.)	64 Cartons/Pallet (101.76 Sq.M./1,097.6 Sq.Ft.)	30 Cartons/Pallet (60.75 Sq.M./656.1 Sq.Ft.)
Coverage/Container	30 Pallets/Container (1,792.8 Sq.M./19,310.4 Sq.Ft.)	15 Pallets/Container (1,526.4 Sq.M./16,464 Sq.Ft.)	29 Pallets/Container (1,761.75 Sq.M./19,026.9 Sq.Ft.)
Aspecta® Ten Limited Commercial Warranty²	Material: 25 Years (100%) Labour: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labour: 10 Years (Pro-Rated)	Material: 25 Years (100%) Labour: 10 Years (Pro-Rated)
FloorScore® Certificate No.	SCS-FS-03808	SCS-FS-03333	SCS-FS-03808
NSF/ANSI 332 Certificate No.	SCS-RF-04041 (Gold Certification)	SCS-RF-04041 (Gold Certification)	SCS-RF-04041 (Gold Certification)

EUROPEAN/INTERNATIONAL STANDARDS - CE CERTIFICATION/TESTING				
Description	Standard	Symbol	Requirements	Results
CE Certification	EN 14041		Refer to Standards Below	Refer to Results Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2		<b>B<sub>fl</sub> - s1 Classification</b> Critical Flux: ≥8.0kW/m² Flame Spread: ≤150mm within 20s Smoke value as % x min: ≤750	Passes Requirements
Content of PCP (pentachlorophenol)	EN 14041		<5ppm	Passes Requirements
Formaldehyde Emission	EN 717-1		<b>Class E1:</b> Release ≤0.124mg/m³	Passes Requirements
Slip Resistance (Dry)	EN 13893		<b>Class DS:</b> Coefficient of Friction ≥0.30	Surpasses Requirements

EUROPEAN/INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)				
Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial - Very Heavy (Class 34) Refer to Standards Below	Passes Requirements (Refer to Results Below)
Wear Resistance IP, Method A	EN 13329, Annex E		≥4,000 cycles	Surpasses Requirements
Impact Resistance (Big Ball)	EN 13329+A1, Annex F		≥1800mm	Surpasses Requirements
Micro-Scratch Resistance [Class]³	EN 16094, Method B	N/A	≤MSR-B2	Passes/Surpasses (Results vary with collection)
Castor Chair Resistance	EN 425		After 25,000 cycles: No Disturbance to the Surface; No Delamination, Cracks, or Disruptions	Passes Requirements
Effect of Furniture Leg	EN 424		No Visible Damage	Passes Requirements
Residual Indentation	EN ISO 24343-1		≤0.15mm	Surpasses Requirements
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 - Only 10 Minutes)		Groups 1 and 2: Grade 5 Group 3: Grade 4	Passes Requirements
Locking Strength	ISO 24334		Long Side ≥2.0kN/m Short Side ≥3.5kN/m	Surpasses Requirements
Dimensional Stability Due to Variation of Temperature	EN ISO 23999		≤0.25%	Surpasses Requirements
Thickness (t)	ISO 24337		$\Delta t_{avg} \leq 0.50\text{mm}$ (Versus Nominal) $t_{max} - t_{min} \leq 0.50\text{mm}$	Passes Requirements
Length (l)	ISO 24337		$l \leq 1500\text{mm}$ : $\Delta l \leq 0.5\text{mm}$ $l > 1500\text{mm}$ : $\Delta l \leq 0.3\text{mm/m}$ (Versus Nominal)	Passes Requirements
Width (w)			$\Delta w_{avg} \leq 0.10\text{mm}$ (Versus Nominal) $w_{max} - w_{min} \leq 0.20\text{mm}$	Passes Requirements
Squareness (q)			$q_{max} \leq 0.20\text{mm}$	Passes Requirements
Straightness (s)			$s_{max} \leq 0.30\text{mm/m}$	Passes Requirements

## TECHNICAL DETAILS - EUROPE/INTERNATIONAL

EUROPEAN/INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511) - <i>continued</i>				
Description	Standard	Symbol	Requirements	Results
Flatness ( <i>f</i> )	ISO 24337	N/A	Maximum Single Values: $f_{w,concave} \leq 0.15\%$ , $f_{w,convex} \leq 0.20\%$ $f_{l,concave} \leq 0.50\%$ , $f_{l,convex} \leq 1.00\%$	Passes Requirements
Openings ( <i>o</i> )	ISO 24337	N/A	Measured from the Surface Between Vertical, Contacting Edges $o_{avg} \leq 0.15\text{mm}$ , $o_{max} \leq 0.20\text{mm}$	Passes Requirements
Height Difference ( <i>h</i> )	ISO 24337	N/A	$h_{avg} \leq 0.10\text{mm}$ $h_{max} \leq 0.15\text{mm}$	Passes Requirements



EUROPEAN/INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY				
Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet) <sup>4</sup>	DIN 51130	N/A	Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes/Surpasses (Except Crescent Oak Collection)
Slip Resistance (Australia/New Zealand)	AS 4586	N/A	<b>Wet Pendulum (Slider 96)</b> P3: 35-44 SRV <b>Oil-Wet Inclining Platform</b> Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes/Surpasses Requirements
Colour Fastness to Light	ISO 105-B02, Method 2		N/A	$\geq$ Grade 6
Chemical Resistance	EN ISO 26987		N/A	No Effect
Thermal Resistance	EN 12664		N/A	0.09600 to 0.09820 m <sup>2</sup> K/W at 10°C
Static Electrical Propensity	EN 1815, Method A		N/A	Average (Absolute) Crescent Oak: 2.7kV Other Products: 2.6kV
Impact Sound Insulation <sup>5</sup>	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	$\Delta L_w = 18\text{dB}$
Product-Content Safety	REACH SVHC 168	N/A	Per Substance: $\leq 0.1\%$ by Weight	Passes Requirements
Heavy Metals	EN 71-3	N/A	Refer to Standard for Limits (Category III)	Passes Requirements

### FOOTNOTES

- 1) **Use:** Refer to Recommended Use PDF for Recommended Commercial Areas
- 2) **Aspecta™ Ten Limited Commercial Warranty:** Please see full terms and conditions of our warranties at [www.aspecta flooring.com](http://www.aspecta flooring.com)
- 3) **Micro-Scratch Resistance [Class] (EN 16094, Method B):** Results vary with collection. *MSR-B2:* Crescent Oak; *MSR-B1:* Brindle Oak, Corneto, Fulton Hyde, Runyon Oak, Tally Oak, Tanley Hall, Urban Grid
- 4) **Slip Resistance-Wet (DIN 51130):** Results vary with collection. *Grade R9:* Crescent Oak; *Grade R10:* Brindle Oak, Corneto, Fulton Hyde, Runyon Oak, Tally Oak, Tanley Hall, Urban Grid
- 5) **Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8):**  $\Delta L_w$  = Weighted Reduction of Impact Sound Pressure Level



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