

ELEMENTAL

LVT DRYBACK FLOORING

LVT MULTILAYER FLOORING

BY ASPECTA

PLANKS & TILES 0.55



ELEMENTAL

FLOORING FOR YOUR HOME

Warm, Practical and Beautiful flooring. Elemental by Aspecta creates the perfect look for individual space, need and style. Elemental offers a wide range of impressive ranges and colours, textures, and finishes.

ELEMENTAL by Aspecta 0.55 offers optimal flexibility with a total of 14 exclusive wood and 16 stone designs, all available as Dryback and Multilayer.

Choose **ELEMENTAL Dryback** for a glue-down installation if you are looking for subtle transitions in floor levels in all areas of the house. Alternatively, the floating floor of **ELEMENTAL Multilayer** with Click connection combines supreme comfort with footfall sound insulation

Whichever version you choose, the ELEMENTAL by Aspecta collection has an incredibly authentic dirt-resistant surface finish for easy care. As a result, there is always an ideal ELEMENTAL by Aspecta floor covering to meet the needs of every room in every home.

PERMANENT FLOORING:

MAXIMUM STAYING POWER

SQUARED TILE
WORN SCREED LAVA
MULTILAYER 85736112X
DRYBACK D736112X

ELEMENTAL DRYBACK

DRYBACK

ELEMENTAL Dryback is developed for permanent installation, which makes it ideal for those areas in your home that are subject to intensive daily use. Whether that is children playing, family pets running, dirty shoes or spilt drinks, the extra matt 0.55 mm thick wear layer guarantees the authentic look of the attractive wood designs, and it protects your floor covering against scratches and wear and tear.

This means that **ELEMENTAL Dryback** will remain dimensionally stable and aesthetically flawless. Furthermore, thanks to the low total thickness of 2.5 mm, refurbishment or renovations are easy with fewer differences in height and no need to trim doors.

- ✓ In-Register wood embossing with an extra-matt surface
- ✓ Textured concrete or coral embossing available
- ✓ The tiles are available in square and rectangular tile formats
- ✓ Wood designs available in XL Planks, Chevron and Herringbone patterns
- ✓ Duraspect™ extreme surface protectant
- ✓ Suitable for use with underfloor heating*
- ✓ 20-year warranty in private residences

* For detailed information about the installation instructions of ELEMENTAL dryback, please visit our website www.elementalbyaspecta.com

ELEMENTAL DRYBACK		
Laying method	Glue-down installation	
Total thickness	2,5 mm	
Wear layer thickness	0.55 mm	
Edge detail	Micro bevel 4 sides	
Plank sizes	XL PLANK	1524 x 228,6 mm
	CHEVRON	690 x 115 mm
	HERRINGBONE	762 x 152,4 mm
	SQUARE TILE	609,6 x 609,6 mm
	RECTANGULAR TILE	914,4 x 457,2 mm

MULTILAYER

ELEMENTAL Multilayer combines an attractive appearance with the latest technology to bring you the flooring of the future.

At its heart, this covering has innovative ISOCORE Technology™ which features an extruded closed-cell vinyl structural core. Thanks to its unique formulation and construction, **ELEMENTAL Multilayer** is exceptionally robust and dimensionally stable. It is 100% waterproof, making it the ideal choice for hard-working homes.

Despite being made up of multiple layers, **ELEMENTAL Multilayer** is remarkably light and compact. Moreover, in combination with the DROPCLOCK™ system, it can be installed quickly.

- ✓ In-Register wood embossing with an extra-matt surface
- ✓ Wood designs available in XL Planks, Chevron and Herringbone patterns
- ✓ Textured concrete or coral embossing available
- ✓ Tiles are available in square and rectangular formats
- ✓ High level of sound insulation (18dB)
- ✓ 100% waterproof
- ✓ Pre-attached underlayment included
- ✓ High dimensional stability
- ✓ Evens out minor subfloor imperfections*
- ✓ Can be laid directly on the existing surface*
- ✓ Suitable for use with underfloor heating*
- ✓ Extremely quick and easy installation with the Droplock™ system
- ✓ Can be installed in areas/rooms up to a maximum of 1000 m² (33m x 33m) without the need of expansion joints in the middle of the floor!
- ✓ 20-year warranty in private residences

* For detailed information about the installation instructions of ELEMENTAL Multilayer, please visit our website www.elementalbyaspecta.com

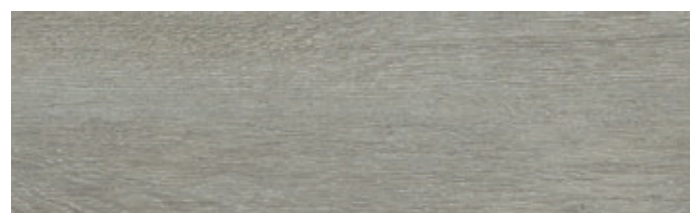
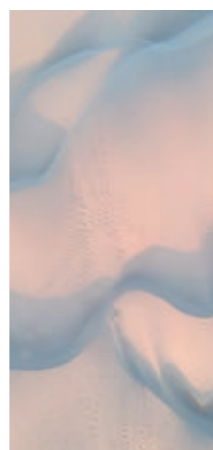
ELEMENTAL MULTILAYER		
Laying method	Floating installation	
Total thickness	8 mm	
Wear layer thickness	0.55 mm	
Edges detail	Micro bevel 4 sides	
Plank sizes	XL PLANK	1510 x 220 mm
	CHEVRON	690 x 120 mm
	HERRINGBONE	720 x 120 mm
	SQUARE TILE	600 x 600 mm
	RECTANGULAR TILE	906 x 448 mm

MORE LAYERS
MORE POSSIBILITIES:

THE NEW KIND OF COMFORT ZONE

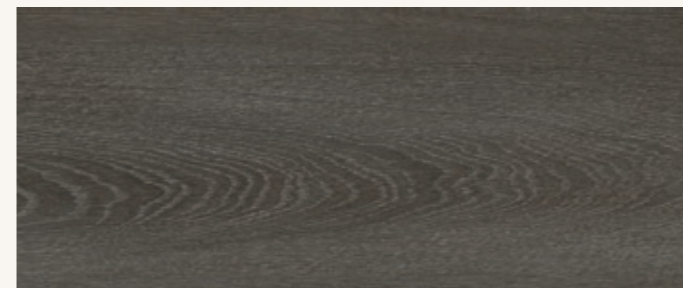


CHEVRON
ICONIC OAK ALBANO
MULTILAYER 85C76526X
DRYBACK 85HB76526X



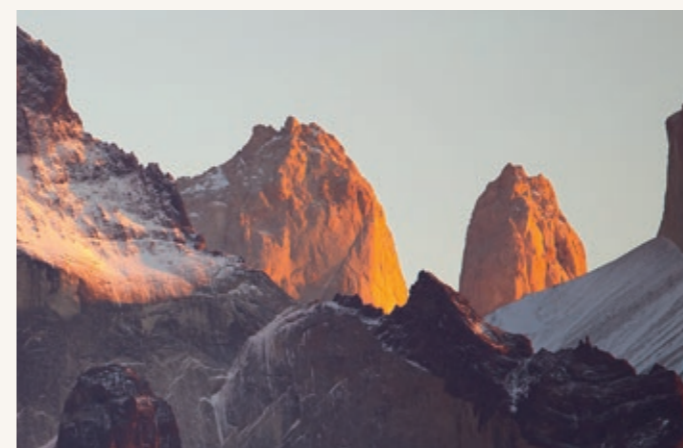
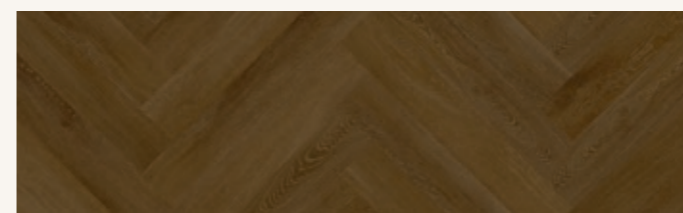
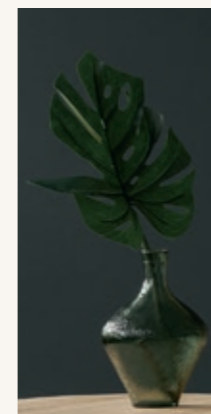
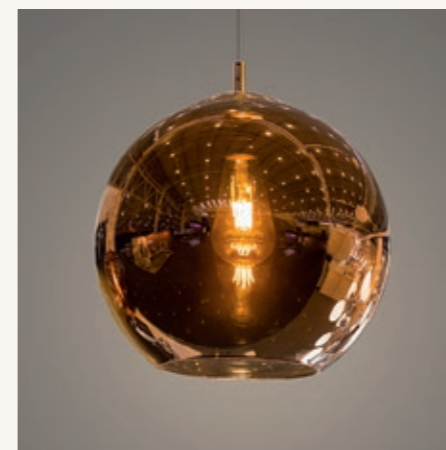
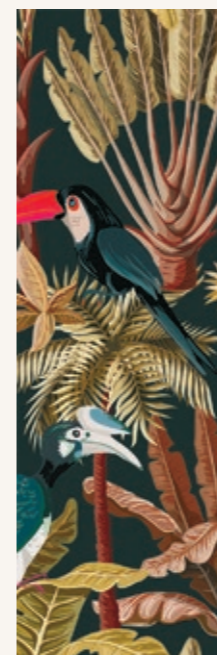
WOOD INSPIRATION

GET INSPIRED BY OUR CAREFULLY SELECTED IMAGES



COZY JUNGLE

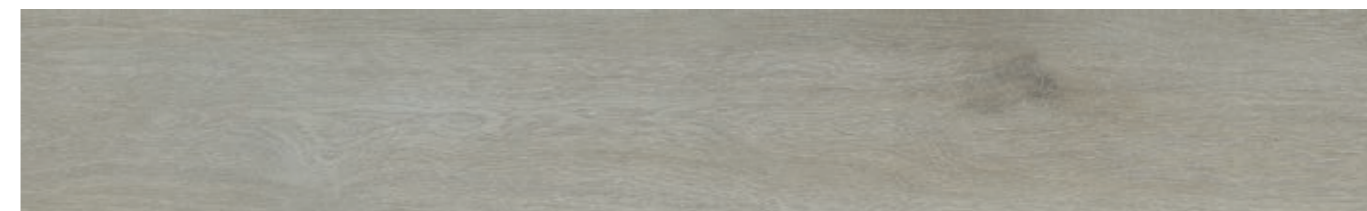
NATURAL TONE'S COMBINED WITH
SHINING AND SOFT MATERIALS



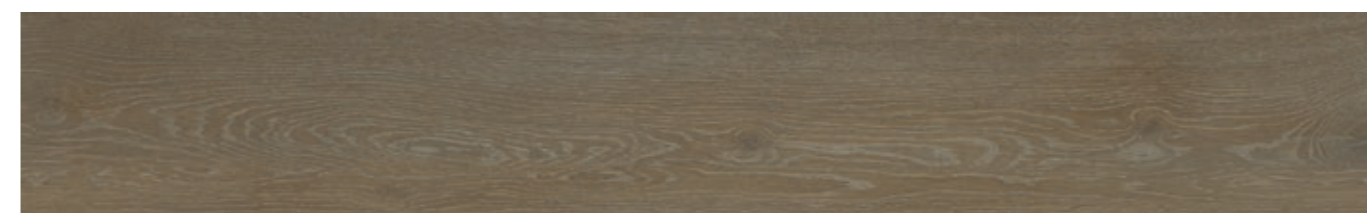
ELEMENTAL by Aspecta presents the XL Plank, for an ultimate experience that lasts. The XL Plank has an innovative hard-wearing Duraspect™ finish which combines the feeling of wood with the advantages of luxury vinyl. The planks have a unique and realistic design with minimal pattern repetition. Available as both Multilayer and Dryback



ICONIC OAK COMO
Multilayer 8476565X
Dryback D476565X



ICONIC OAK PRESPA
Multilayer 8476501X
Dryback D476501X



ICONIC OAK BOLSENA
Multilayer 8476524X
Dryback D476524X



ICONIC OAK ALBANO
Multilayer 8476526X
Dryback D476526X



ICONIC OAK OMEGA
Multilayer 8476539X
Dryback D476539X



XL-PLANK
**XL PLANK,
CLASSICALLY STYLISH**

The XL Plank is big on beauty without losing sight of the details. It combines an extremely authentic appearance with tangible softness that bare feet are guaranteed to find irresistible.

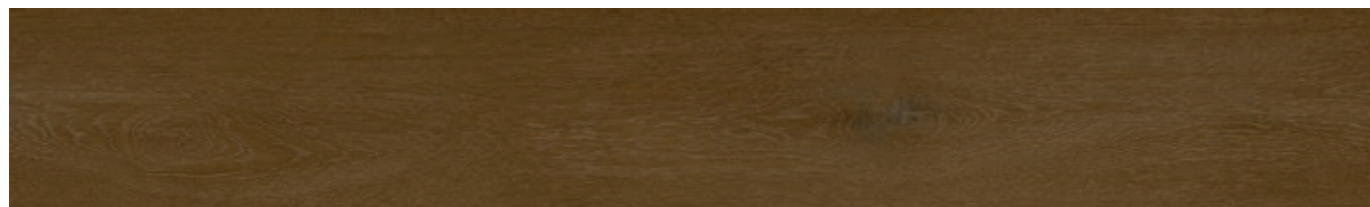
XL PLANK
ICONIC OAK LADOGA
MULTILAYER 8476542X
DRYBACK D476542X

1524 x 228,6 mm **DRYBACK**
1510 x 220 mm **MULTILAYER**

Pictures are for reference purposes only. Please order samples to experience the full colour and texture.



ICONIC OAK LUGANO
 Multilayer B476550X
 Dryback D476550X



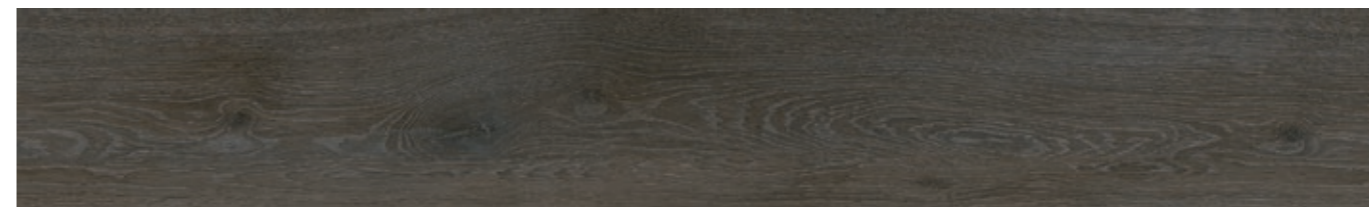
ICONIC OAK BRIENZ
 Multilayer B476547X
 Dryback D476547X



ICONIC OAK MAGGIORE
 Multilayer B476554X
 Dryback D476554X



ICONIC OAK CONSTANCE
 Multilayer B476544X
 Dryback D476544X



ICONIC OAK LOMOND
 Multilayer B476558X
 Dryback D476558X



XL PLANK
ICONIC OAK LOMOND
 MULTILAYER B476558X
 DRYBACK D476558X



XL PLANK
ICONIC OAK LUGANO
 MULTILAYER B476550X
 DRYBACK D476550X

**CHOOSE
 THE COLOUR
 YOU LIKE**

1524 x 228,6 mm **DRYBACK**
 1510 x 220 mm **MULTILAYER**

HERRINGBONE
ICONIC OAK CONSTANCE
MULTILAYER 85HB76544X
DRYBACK D5HB76544X



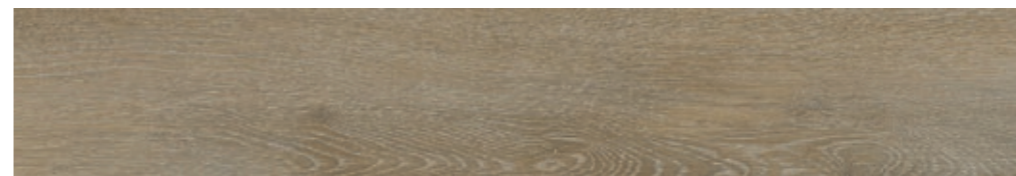
HERRINGBONE

HERRINGBONE, 6 INSPIRING WOOD DESIGNS, PATTERNED FLOORING.

Herringbone, which originally got its name because it resembles the skeleton of a fish, dates back to ancient times. With its distinctive 'broken zigzag' shape, this historical pattern exudes a sense of luxury.

HERRINGBONE PLANKS

Inspired by the natural beauty of wood, ELEMENTAL by Aspecta has a perfect design for every living space in the home. There is a choice of six wood designs in trendsetting colours - from rich, warm brown tones to cooler greys. This collection features the Droplock™ 400 for the Multilayer range supporting quick and easy installation. Available as both Multilayer and Dryback.



ICONIC OAK COMO
Multilayer 85HB76565X
Dryback D5HB76565X



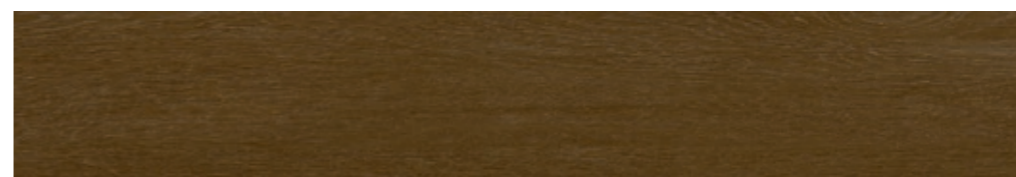
ICONIC OAK BOLSENA
Multilayer 85HB76524X
Dryback D5HB76524X



ICONIC OAK ALBANO
Multilayer 85HB76526X
Dryback D5HB76526X



ICONIC OAK CONSTANCE
Multilayer 85HB76544X
Dryback D5HB76544X



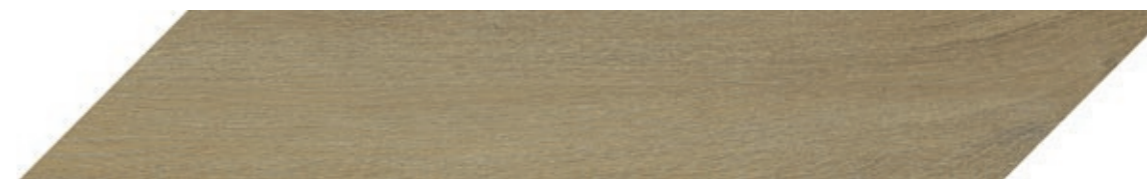
ICONIC OAK BRIENZ
Multilayer 85HB76547X
Dryback D5HB76547X

Pictures are for reference purposes only. Please order samples to experience the full colour and texture.

762 x 152,4 mm **DRYBACK**

720 x 120 mm **MULTILAYER**

With Chevron, ELEMENTAL by Aspecta offers a bold twist on the traditional Herringbone pattern. With diagonal ends, the Chevron planks meet perfectly in the middle to create sharp lines and a striking V-shape. There is a choice of six wood designs in trendsetting colours, from warm browns to cooler greys. This collection features the Droplock™ 100 for the Multilayer range. Available as both Multilayer and Dryback.



ICONIC OAK COMO
Multilayer 85C76565X
Dryback D5C76565X



ICONIC OAK BOLSENA
Multilayer 85C76524X
Dryback D5C76524X



ICONIC OAK ALBANO
Multilayer 85C76526X
Dryback D5C76526X



ICONIC OAK CONSTANCE
Multilayer 85C76544X
Dryback D5C76544X



ICONIC OAK BRIENZ
Multilayer 85C76547X
Dryback D5C76547X



CHEVRON

CHEVRON: SHARP LINES THAT MAKE A REAL STATEMENT!

Chevron, which is also commonly known as Hungarian Point flooring, is a great way to add dynamism to a room. If you are looking for something completely different from planks in straight lines, Chevron could be just the answer!

CHEVRON
ICONIC OAK ALBANO
MULTILAYER 85C76526X
DRYBACK D5C76526X

Pictures are for reference purposes only. Please order samples to experience the full colour and texture.

690 x 115 mm **DRYBACK**
690 x 120 mm **MULTILAYER**



XL PLANK
ICONIC OAK BOLSENA
 MULTILAYER 8476524X
 DRYBACK D476524X



HERRINGBONE
ICONIC OAK CONSTANCE
 MULTILAYER 85HB76544X
 DRYBACK D5HB76544X



CHEVRON
ICONIC OAK ALBANO
 MULTILAYER 85C76526X
 DRYBACK D5C76526X

STYLISH AND AUTHENTIC

TRANSFORMATIVE TRANSPARENCY

We are striding ahead and showing the way by revealing what is beneath the surface of our brand. We are keen to engage in new and transformative conversations within the industry. It is time to communicate openly about how and where resilient flooring products are made. We are committed to new levels of transparency.

'What you do makes a difference. And you have to decide what kind of difference you want to make.'

JANE GOODALL



Just.



JUST

Elemental by Aspecta is the first company in the world to obtain a JUST label, a voluntary transparency tool, for an Asian factory. JUST provides assurance that we are paying attention to what matters most: social factors such as diversity, equity, and safety. Created by the International Living Future Institute (ILFI), JUST is the beginning of a new era in transparency, and Elemental by Aspecta is leading the way.

BES 6001

The BES 6001 Standard provides a framework for the assessment of responsible sourcing and provides a route to the certification of construction products. The key objectives of the BES 6001 Standard are; promote responsible sourcing of products; give clear guidance on the sustainability & quality aspects that should be addressed; provide confidence that materials and products are being responsibly sourced and provide a route to obtaining credits within the Materials sections of the BREAM family of certification schemes.



ISO9001

An international standard for a quality management system (QMS). Our company follows the requirements which are set forth in the ISO 9001 standard. This standard demonstrates that we are able to consistently provide products and services that meet our customers and regulatory requirements and demonstrate continuous improvement.



ISO14001

An international standard that specifies requirements for an effective environmental management system (EMS). This standard provides a framework that our organization follows, rather than establishing environmental performance requirements.

CERTIFICATION AND TRANSPARENCY

ELEMENTAL by Aspecta is continuously certified by independent bodies covering a whole range of aspects – not only the end-product quality but also the production processes, raw materials, use of resources and environmental management.

These certifications support our company's commitment to sustainability, transparency and open communication. We work to high-quality standards that often go beyond compliance with the legal requirements.



CE
Elemental by Aspecta has been assessed to meet high safety, health, and environmental protection requirements. CE marking also supports fair competition by holding all companies accountable to the same rules.



INDOOR AIR CERTIFICATION
Elemental by Aspecta fulfills the VOC emissions European criteria by world market leader Eurofins. Eurofins awarded Elemental by Aspecta the best-in-class low emissions certificate: Indoor Air Comfort GOLD.



PRODUCT SAFETY
In addition to our transparency efforts, Aspecta is dedicated to the safety of its products and confirms excellent indoor air quality with VOC trialling performed by independent laboratories. All of our products are FloorScore Certified.



EPD (ENVIRONMENTAL PRODUCT DECLARATION)
Present transparent, verified and comparable information about the life-cycle and environmental impact of products. The International EPD® System is a global programme for environmental declarations based on ISO 14025, ISO 14040, ISO 14044 and ISO 21930.

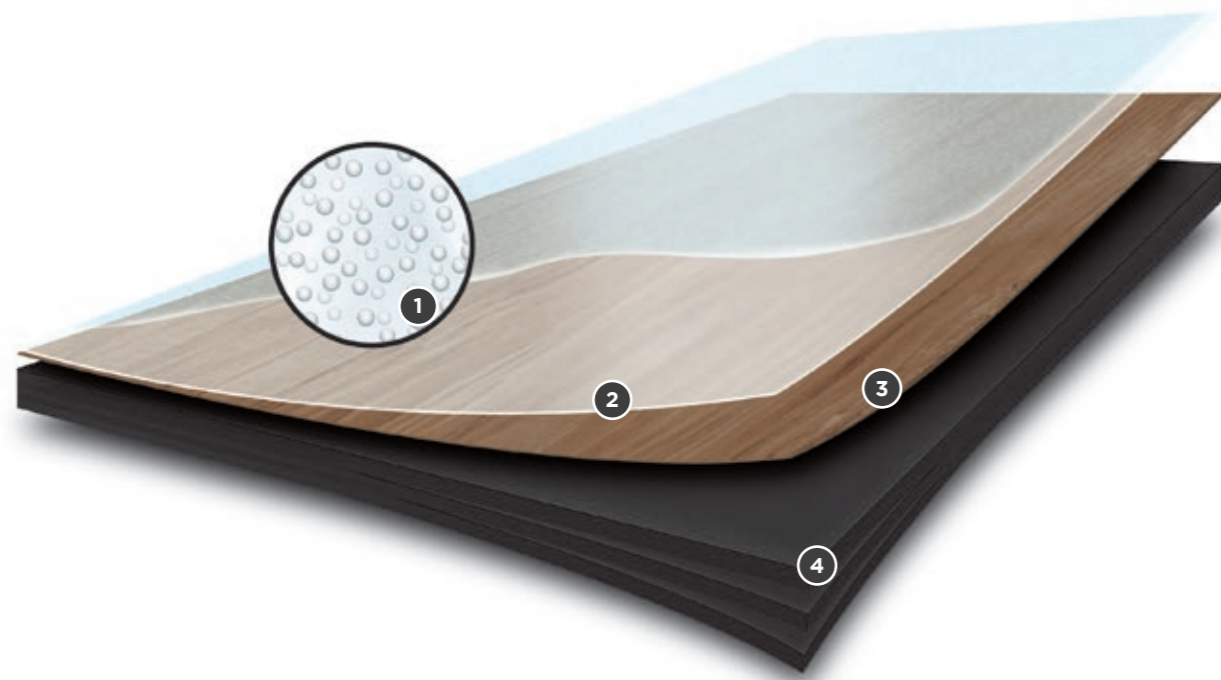


DECLARE
We declare each and every ingredient in the Elemental by Aspecta product lines. Declare Labels, created by the International Living Future Institute (ILFI) are clear and informative „nutrition labels“ for building products.



MINDFULL MATERIALS
mindful MATERIALS (mM) is a platform with aggregated information on human health and environmental impacts for products from leading manufacturers, vetted by experts passionate about making it easier to make informed product choices.





1 DURASPECT™ EXTREME SURFACE PROTECTANT
An advanced polymer finish that provides the ultimate abrasion resistance and stain repellency.

2 CLEAR VINYL WEAR LAYER
A 0.55 mm transparent vinyl wear layer provides protection against scuffs and abrasions, even in demanding environments.

3 HIGH-RESOLUTION PRINTED DECORATIVE FILM
High-resolution printed film delivers the beauty and realism of natural wood with vivid clarity.

4 2.5 MM SOLID VINYL BASE
Multiple layers of solid virgin vinyl enhance durability and facilitate an excellent indentation performance.

PHYSICAL PROPERTIES & PACKAGING (DRYBACK 2.5MM/0.55MM)					
Collection	Elemental Dryback PLANK XL	Elemental Dryback SP-CHEVRON (45)	Elemental Dryback HERRINGBONE	Elemental Dryback SQUARED TILE	Elemental Dryback RECTANGULAR TILE
Size	1524 mm x 228,6 mm (60" x 9")	690 mm x 115 mm (4,53" x 27,17")	762 mm x 152,4 mm (30" x 6")	609,6 mm x 609,6 mm (24" x 24")	457,2 mm x 914,4 mm (18" x 36")
Construction	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT	Solid Vinyl Tile/LVT
Use	Commercial & Residential	Commercial & Residential	Commercial & Residential	Commercial & Residential	Commercial & Residential
Wear Layer	0.55mm (22mil)	0.55mm (22mil)	0.55mm (22mil)	0.55mm (22mil)	0.55mm (22mil)
Edge Detail	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge	4 sides Micro Bevel Edge
Finish	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant	Duraspect™ Extreme Surface Protectant
Embossing(s)	In-Register	In-Register	In-Register	Textured Concrete	In-Register
Thickness	2.5mm (0.098")	2.5mm (0.098")	2.5mm (0.098")	2.5mm (0.098")	2.5mm (0.098")
Mass per Unit Area	4.438kg/m²	4.438kg/m²	4.438kg/m²	4.438kg/m²	4.438kg/m²
Pieces/Carton	10	36	24	10	8
Coverage/Piece	0,35 m² (3,77 Sq.Ft.)	0,08 m² (0,86 Sq.Ft.)	0,12 m² (1,29 Sq.Ft.)	0,37 m² (3,98 Sq.Ft.)	0,42 m² (4,52 Sq.Ft.)
Coverage/Carton	3,48 m² (37,46 Sq.Ft.)	2,86 m² (30,78 Sq.Ft.)	2,79 m² (30,00 Sq.Ft.)	3,72 m² (40,04 Sq.Ft.)	3,35 m² (36,06 Sq.Ft.)
Coverage/Pallet	56 Cartons 195,10 m² (2100,03 Sq.Ft.)	64 Cartons 182,82 m² (1967,85 Sq.Ft.)	72 Cartons 200,67 m² (2159,88 Sq.Ft.)	36 Cartons 133,78 m² (1439,99 Sq.Ft.)	58 Cartons 193,98 m² (2087,97 Sq.Ft.)
Coverage/Container	21 Pallets 4092 m² (44099,96 Sq.Ft.)	20 Pallets 3661 m² (3935,75 Sq.Ft.)	26 Pallets 5223 m² (56159,72 Sq.Ft.)	38 Pallets 5089 m² (5471,97 Sq.Ft.)	24 Pallets 4663 m² (50111,83 Sq.Ft.)
Warranty	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE

Description	Standard	Symbol	Requirements	Results
CE Certification	EN 14041	CE	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	Bfl-s1	Bfl - s1 Classification Critical Flux: ≥8.0kW/m² Flame Spread: ≤150mm within 20s Smoke Value as % x min: ≤750	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 14041	DL PCP	<0,1ppm	Passes Requirements
Formaldehyde Emission	EN 717-1	E1	Class E1: Release ≤0,124mg/m³	Passes Requirements
Slip Resistance (Dry)	EN 13893	R10	Class DS: Coefficient of Friction ≥0.3	Passes / Surpasses Requirements

EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING

Description	Standard	Symbol	Requirements	Results
Identification	EN ISO 10582	N/A	Type I: Wear Layer Binder Content ≥80%	Passes Requirements
Classification (Level of Use)	EN ISO 10582 EN ISO 10874		Domestic - Heavy (Class 23) Wear Layer (Nominal): ≥0.3mm Thickness (Nominal): ≥1.5mm	Passes Requirements (Nominal)
			Commercial - Heavy (Class 33) Wear Layer (Nominal): ≥0.55mm Thickness (Nominal): ≥2.0mm	Passes Requirements (Nominal)
			Light Industrial - General (Class 42) Wear Layer (Nominal): ≥0.55mm Thickness (Nominal): ≥2.0mm	Passes Requirements (Nominal)
Size, Squareness, and Straightness	EN ISO 24342		Size: ≤0.15% from Nominal Squareness/Straightness: If Size >400mm: ≤0.35mm If Size ≤400mm: ≤0.25mm	Passes Requirements
Thickness	EN ISO 24346 / EN 428		Average (from Nominal): +0.13mm / -0.10mm Any Sample (from Average): ±0.15mm	Passes Requirements
Mass per Unit Area	EN ISO 23997 / EN 430		+13% / -10% from Nominal	Passes Requirements
Dimensional Stability	EN ISO 23999 / EN 434		≤0.25%	Surpasses Requirements
Curling	EN ISO 23999 / EN 434	N/A	≤2mm	Surpasses Requirements
Flexibility	EN ISO 24344 (Method A) / EN 435		No Cracks (20mm Mandrel)	Passes Requirements
Residual Indentation	EN ISO 24343-1 / EN 433		≤0.1mm	Surpasses Requirements
Castor Chair	ISO 4918		After 25,000 Cycles: Delamination - None Appearance ≤ "Slight Change"	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6	Passes Requirements

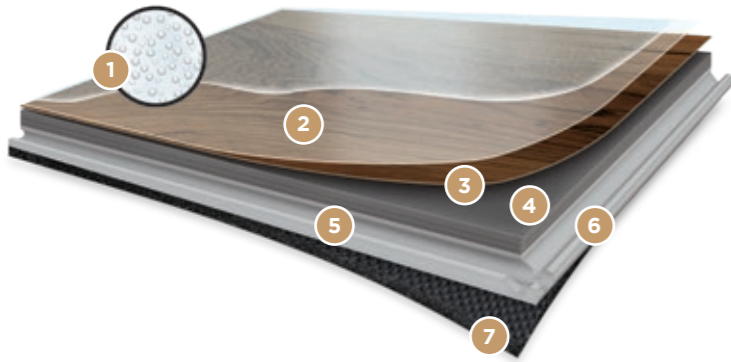
EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY

Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: ≥10° and <19°	Passes / Surpasses Requirements
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P3: 35-44 SRV Oil-Wet Inclining Platform Grade R10: ≥10° and <19°	Passes / Surpasses Requirements
Chemical Resistance	EN ISO 26987 / EN 423		N/A	No Effect
Thermal Resistance	EN 12667		N/A	0.01745m²K/W at 10°C
Abrasion / Wear Resistance	EN 660-2		N/A	Fv ≤2.0mm³ / 100r
Static Electrical Propensity	EN 1815, Method A		≤2.0kV	Passes Requirements
Impact Sound Insulation¹	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 2dB
Product-Content Safety	REACH SVHC 168	N/A	N/A	Passes Requirements

1) Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8); ΔL_w = Weighted Reduction of Impact Sound Pressure Level. The manufacturing facility is ISO 9001 (Quality Management System) and ISO 14001 (Environmental Management System) certified.

ELEMENTAL MULTILAYER

Featuring  ISOCORE Technology®




















- 1 DURASPECT™ EXTREME SURFACE PROTECTANT**
An advanced polymer finish that provides the ultimate abrasion resistance and stain repellency.
- 2 CLEAR VINYL WEAR LAYER**
A 0.55 mm transparent vinyl wear layer provides protection against scuffs and abrasions, even in demanding environments.
- 3 HIGH-RESOLUTION PRINTED DECORATIVE FILM**
High-resolution printed film delivers the beauty and realism of natural wood with vivid clarity.





- 4 2.0 MM SOLID VINYL TOP LAYER**
Multiple layers of solid virgin vinyl enhance durability and facilitate an excellent indentation performance.
- 5 ISOCORE TECHNOLOGY™**
A 4 or 5 mm thick highly engineered closed-cell extruded vinyl structural core. ISOCORE is 100% waterproof, rigid, light, strong and dimensionally stable.
- 6 DROPLOCK 100 OR DROPLOCK 400**
Edges utilize DROPLOCK™ system, an extremely strong fold-down locking connection for a quick and easy installation.
- 7 INTEGRAL SOUND MITIGATING UNDERLAY**
A 1.0 or 2.0 mm pre-attached underlay that minimizes both reflected and transmitted sound, is shock-absorbing, provides warmth and comfort underfoot and helps further conceal subfloor imperfections.

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 8.0 MM / 0.55 MM)					
Collection	Elemental ML-ISOCORE PLANK XL	Elemental ML-ISOCORE CHEVRON (45)	Elemental ML-ISOCORE HERRINGBONE	Elemental ML-ISOCORE RECTANGULAR TILE	Elemental ML-ISOCORE SQUARED TILE
Use	Commercial & Residential	Commercial & Residential	Commercial & Residential	Commercial & Residential	Commercial & Residential
Size (mm)	220mm x 1510mm (8.66' x 59.45')	120 x 690 mm (4.72' x 27.17')	120mm x 720mm (4.72' x 28.34')	448 x 906 (17.64' x 35.67')	600mm x 600mm (23.62' x 23.62')
Thickness - Wear Layer	0,55 mm (22 mil)	0,55 mm (22 mil)	0,55 mm (22 mil)	0,55 mm (22 mil)	0,55 mm (22 mil)
Thickness - Overall	8,0 mm (0,315 in.)	8,0 mm (0,315 in.)	8,0 mm (0,315 in.)	8,0 mm (0,315 in.)	8,0 mm (0,315 in.)
Top Layer	2,0 mm (0,079 in.) LVT	2,0 mm (0,079 in.) LVT	2,0 mm (0,079 in.) LVT	2,0 mm (0,079 in.) LVT	2,0 mm (0,079 in.) LVT
Core	4,0 mm (0,197 in.) ISOCORE	5,0 mm (0,197 in.) ISOCORE	5,0 mm (0,197 in.) ISOCORE	5,0 mm (0,197 in.) ISOCORE	5,0 mm (0,197 in.) ISOCORE
Pad	2,0 mm (0,078 in.) LDPE	1,0 mm (0,039 in.) HDPE	1,0 mm (0,039 in.) HDPE	1,0 mm (0,039 in.) HDPE	1,0 mm (0,039 in.) HDPE
Edge detail	4 sides Micro-bevel	4 sides Micro-bevel	4 sides Micro-bevel	4 sides Micro-bevel	4 sides Micro-bevel
Finish	Duraspect™	Duraspect™	Duraspect™	Duraspect™	Duraspect™
Embossing	In-Register	In-Register	In-Register	Textured Concrete	Textured Concrete
Mass per Unit Area	7,88 kg/m²	8,98 kg/m²	8,98 kg/m²	8,98 kg/m²	8,98 kg/m²
Coverage - Carton	8 Pieces 2,66 m² (28.60 Sq.Ft.)	22 Pieces 1,82 m² (19.59 Sq.Ft.)	24 Pieces 2,07 m² (22.28 Sq.Ft.)	6 Pieces 2,44 m² (26.26 Sq.Ft.)	6 Pieces 2,16 m² (23.25 Sq.Ft.)
Coverage - Pallet	32 Cartons 85,12 m² (915.36 Sq.Ft.)	50 Cartons 91 m² (980.38 Sq.Ft.)	45 Cartons 93,15 m² (1004.38 Sq.Ft.)	34 Cartons 82,96 m² (891.25 Sq.Ft.)	34 Cartons 73,44 m² (790.50 Sq.Ft.)
Coverage - Container	21 Cartons 1785,91 m² (1922.33 Sq.Ft.)	14 Pallets 1275,12 m² (13725.28 Sq.Ft.)	22 pallets 2052,86 m² (22096.80 Sq.Ft.)	24 Pallets 1987,23 m² (31390.37 Sq.Ft.)	26 pallets 1,909 m² (20553.04 Sq.Ft.)
Warranty	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential	15 Year Commercial 20 Year Residential

SPECIFICATIONS TECHNICAL DATA

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		Bfl - s1 Classification 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		Class E1: Release ≤0.124mg/m³	Passes Requirements
Slip Resistance (Dry)	EN 13893		Class DS: Coefficient of Friction ≥ 0.30	Passes Requirements
Thermal Resistance Thermal Conductivity	EN 12664		N/A	0.074 (m².K/W) 0.108 (W/m.k)

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)				
Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN 16511 EN ISO 10874		Commercial -Heavy (Class 33) Refer to Standards Below	Passes Requirements (Refer to Results Below)
Wear Resistance IP, Method A	EN 13329, Annex E		≥4,000 cycles	Passes Requirements
Impact Resistance (Big Ball)	EN 13329+A1, Annex F		≥1800mm	Passes Requirements
Micro-Scratch Resistance [Class]	EN 16094, Method B	N/A	≤MSR-B2	Passes Requirements
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	Passes Requirements
Resistance to Staining [Grade, per Group]	EN 438-2 (Group 1 - Only 10 Minutes)		Groups 1, 2 & 3: Grade 5	Passes Requirements
Locking Strength	ISO 24334		Long Side ≥ 2.0kN/m Short Side ≥ 3.5kN/m	Passes Requirements
Dimensional Stability Due to Variation of Temperature	EN ISO 23999		≤0.25%	Passes Requirements
Thickness (t)	ISO 24337		Δavg ≤ 0.50mm (Versus Nominal) tmax - tmin ≤ 0.50mm	Passes Requirements
Length (l)			l ≤ 1500mm: Δl ≤ 0.5mm l > 1500mm: Δl ≤ 0.3mm/m (Versus Nominal)	Passes Requirements
Width (w)	ISO 24337		Δwavg ≤ 0.10mm (Versus Nominal) wmax - wmin ≤ 0.20mm	Passes Requirements
Squareness (q)			qmax ≤ 0.20mm	Passes Requirements
Straightness (s)			smax ≤ 0.30mm/m	Passes Requirements
Flatness (f)	ISO 24337	N/A	Maximum Single Values: fw,concave ≤ 0.15%, fw,convex ≤ 0.20% fl,concave ≤ 0.50%, fl,convex ≤ 1.00%	Passes Requirements
Openings (o)	ISO 24337	N/A	Measured from the Surface Between Vertical, Contacting Edges: oavg ≤ 0.15mm, omax ≤ 0.20mm	Passes Requirements
Height Difference (h)	ISO 24337	N/A	havg ≤ 0.10mm, hmax ≤ 0.15mm	Passes Requirements

EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY				
Description	Standard	Symbol	Requirements	Results
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: ≥10° and <19°	Passes
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P3: 35-44 SRV Oil-Wet Inclining Platform Grade R10: ≥10° and <19°	Passes
Static Electrical Propensity	EN 1815, Method A		≤2.0kV	Passes Requirements
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6	Passes Requirements
Impact Sound Insulation²	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 18 dB
A-weighted walking sound pressure level	EN 16205:2013		N/A	Ln, walk, A = 85 dB(A)
Product-Content Safety	REACH SVHC 201	N/A	Refer to Standard	Passes Requirements
Heavy Metals	EN71-3	N/A	Refer to Standard	Not detected

Footnotes:
1) Warranty: Please see full terms and conditions of our warranties at www.elementalbyaspecta.com
2) Impact Sound Insulation (EN ISO 10140-3; ISO 717-2; EN ISO 140-8): ΔLW = Weighted Reduction of Impact Sound Pressure Level

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