



ELEMENTAL

RIGID CORE FLOORING

BY ASPECTA

PREMIUM

PLANKS 0.55



ELEMENTAL PREMIUM RIGID CORE 0.55

A VERY DURABLE CHOICE

Introducing PREMIUM Rigid Core 0.55, the stunning new flooring range from ASPECTA™. Where beautiful aesthetics blend with the latest technology to create floors that are truly special.

Whether moving in or refurbishing, the right choice of flooring for your home depends on the size of rooms and planned use. If convenience, speed of installation and footstep sound insulation are the main considerations, we recommend floating PREMIUM Rigid Core 0.55 flooring with DropLock 100™, a no-glue installation system available in planks with wood design.

Thanks to the unique characteristics of PREMIUM Rigid Core 0.55 flooring, you no longer have to worry about choosing the right floor, since it is durable, dimensional stable and 100% waterproof. Despite different structures, each model in the collection has a particularly authentic surface finish, is dirt-resistant and easy to care for.

FLOATING FLOORING:

MAXIMUM FLOORING COMFORT

PREMIUM RIGID CORE

PREMIUM RIGID CORE

The next generation of floors: the innovative, modular **PREMIUM Rigid Core 0.55** flooring combines attractive design with the latest technology. The heart of the flooring is composed of a 4.2mm extruded vinyl core incorporating the innovative **Rigid Core Technology™**. A 0.55 mm thick vinyl wear layer is incorporated on top of this rigid core layer, while a 1.0 mm thick HDPE underlay helps to level out imperfections in the subfloor and insulates sound down to 20 dB.

The ELEMENTAL Rigid Core flooring construction is extremely robust and dimensionally stable. With the DropLock 100™ locking system this flooring is easy and fast to install.

Thanks to the Rigid Core Technology™ construction, the flooring is also 100% waterproof and the ideal choice for bathrooms, kitchens and greenhouses.

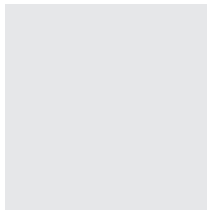
- ✓ In-Register embossing with an ultra-matt DURASPECT™ Extreme Surface Protectant.
- ✓ High level of sound insulation and lowers the walking noise to 20dB for the space below.
- ✓ 100% waterproof
- ✓ Very safe floor, category R10
- ✓ High dimensional stability; up to 1000 m² can be installed without expansion joints in the middle of the floor*
- ✓ Evens out minor subfloor imperfections*
- ✓ Suitable for application on subfloor heating systems up to 30 degrees Celsius
- ✓ Can resist direct sunlight temperatures up to 70 degrees Celsius, such as in greenhouses*
- ✓ Easy and fast to install with DropLock 100™ installation system
- ✓ Limited warranty Commercial and Residential use:
Material: 20 years (100%)
Labour: 10 years (Pro rata)

* Please visit our website www.elementalbyaspecta.com

PREMIUM RIGID CORE

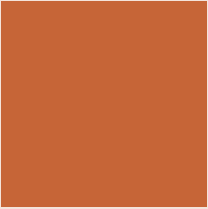
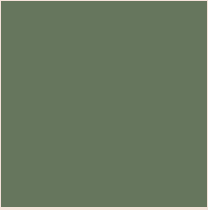
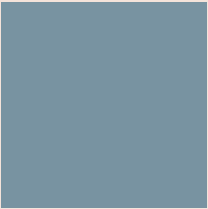
Laying method	Floating installation	
Total thickness	5.2 mm	
Wear layer thickness	0.55 mm	
Edge detail	Micro bevel 4 sides	
Plank size	XL PLANK	1510 x 220 mm (59.45" x 8.66")

XL PLANK
ICONIC OAK ALBANO
RIGID CORE ES8476526X



DRIVEN BY NATURE

GET INSPIRED BY OUR SELECTED MOODBOARD IMAGES





XL PLANK
ICONIC OAK BRIENZ
RIGID CORE ES8476547X

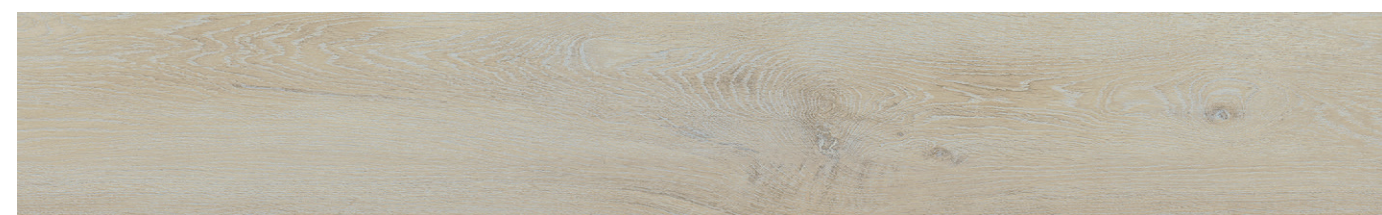


XL PLANK, CLASSICALLY STYLISH

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.

PLANKS **XL PLANK**

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.



ICONIC OAK COMO
Rigid Core ES8476565X



ICONIC OAK PRESPA
Rigid Core ES8476501X



ICONIC OAK BOLSENA
Rigid Core ES8476524X



ICONIC OAK BRIENZ
Rigid Core ES8476547X



ICONIC OAK ALBANO
Rigid Core ES8476526X

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

1510 x 220 mm **PREMIUM RIGID CORE**

XL PLANK PLANKS



ICONIC OAK NATUREL
Rigid Core ES8476570X



ICONIC OAK CONSTANCE
Rigid Core ES8476544X



ICONIC OAK LOMOND
Rigid Core ES8476558X



ICONIC OAK AREZZO
Rigid Core ES8476566X

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

1510 x 220 mm PREMIUM RIGID CORE



XL PLANK
ICONIC OAK CONSTANCE
RIGID CORE ES8476544X

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)
Presenting 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.



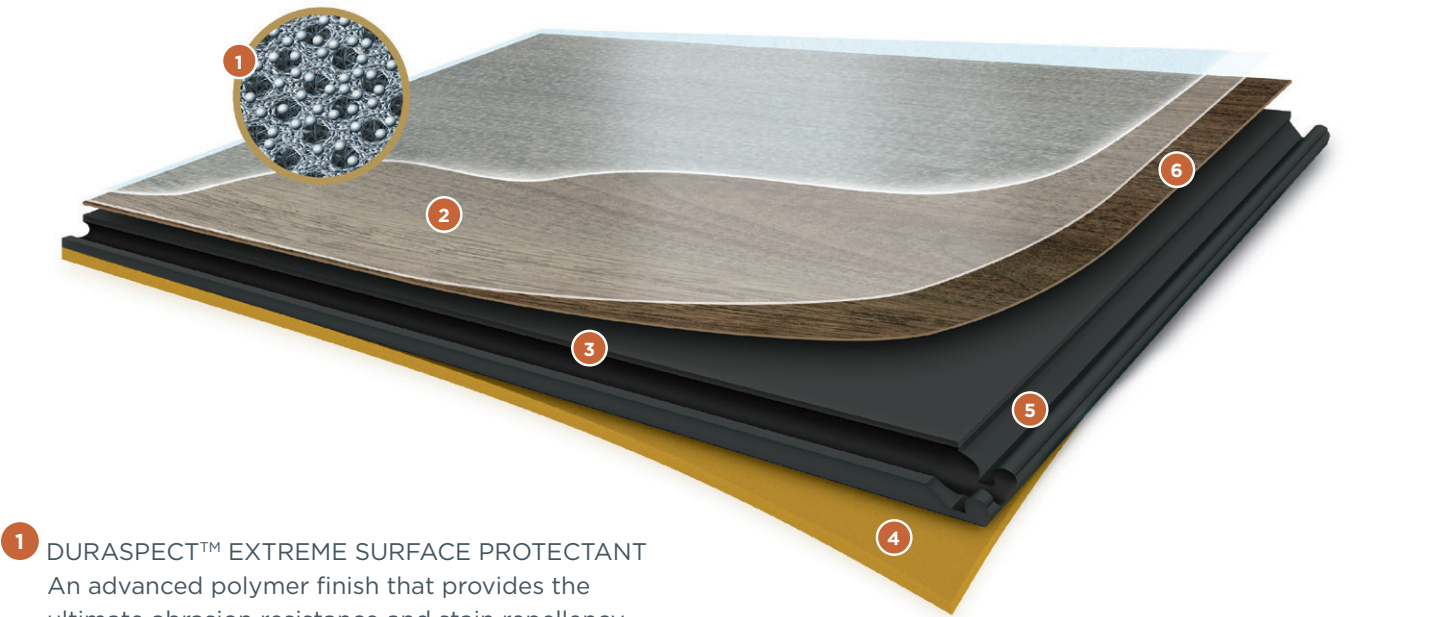
JUST
Elemental by Aspecta is the first company in the world to obtain a JUST label, a voluntary transparency tool, for an Asian factory. JUST provides assurance that we are paying attention to what matters most: social factors such as diversity, equity, and safety. Created by the International Living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



FRENCH A+
In order to transparently inform consumers about the level of volatile pollutant emissions from a construction or decoration product, the manufacturer is required to provide information on this subject on the label. On the label, the product's emissions level is indicated by a pictogram accompanied by a large letter. This letter indicates the level of emissions of the product of volatile pollutants into the indoor air of a room, ranging from the letter A + (very low emissions) to C (high emissions).



HPD
Our products carry a voluntary Health Product Declarations (HPD) Open Standard label, which contains product ingredients and associated health information.



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

2 CLEAR VINYL WEAR LAYER
Transparent vinyl wear layer provides significant durability against scuffs and abrasions.

3 SOLID POLYMER CORE
A high-density waterproof solid polymer composite core that is rigid, strong, dimensionally stable, and dent resistant.

4 SOUND MITIGATING UNDERLAYMENT
A pre-attached underlayment that minimizes transmitted sound, is shock absorbing, and provides warmth and comfort underfoot and helps further conceal subfloor imperfections.

5 DROPLOCK 100® TECHNOLOGY
End joints utilize DROPLOCK 100® Technology to facilitate a fold-down locking connection that dramatically expedites installation speed and aligns the top-surfaces of adjoining planks.

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

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 5,2 / 0,55 MM)	
Series & Collections	XL Plank, Iconic Oak
Construction Extruded Vinyl Core Pre-Attached Underlayment	4,2 mm (0.17") (including printfilm) 1,0 mm (0.04") HDPE
Use	Commercial & Residential
Size	1510 mm x 220 mm (59.45" x 8.66")
Wear Layer	0.55 mm (22 mil)
Edge Detail	4 sides Micro-Bevel Edge
Finish	Duraspect™ Extreme Surface Protectant
Embossing	In-Register
Thickness	5,2 mm (0.21")
Pieces/Cartron	6
Coverage/Piece	0,33 m² (3.55 Sq.Ft)
Coverage/Cartron	1,99 m² (21.42 Sq.Ft)
Coverage/Pallet	56 Cartons/Pallet (111,62 m²) (1201.47 Sq.Ft)
Coverage/Container	21 Pallets/Container (2344,00 m²) (25230.61 Sq.Ft)
Limited warranty Commercial and residential use ¹	Material: 20 years (100%) Labour: 10 years (Pro rata)

EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING				
Description	Standard	Symbol	Requirements	Results
CE Certification	EN 14041	CE	Refer to Standards Below	Refer to Standards Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	B _{s1} s1	Bfl - s1 Classification Critical Flux: ≥8.0kW/m² Flame Spread: ≤150mm within 20s Smoke value as % x min: ≤750	Passes Requirements
Formaldehyde Emission	EN 717-1	E1	Class E1: Release ≤0.124mg/m³	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 12673:1999	DL PCP	<5ppm	Passes Requirements
Slip Resistance (Dry)	EN 13893	R9	Class DS: Coefficient of Friction ≥ 0.30	Surpasses Requirements
Static Electrical Propensity	EN 1815, Method A	2	Antistatic Floor Coverings: ≤2,0kV (Absolute Value)	Passes Requirements/Antistatic
Thermal Resistance Thermal Conductivity	EN 12664		N/A (No Official Requirements)	TR= 0,051 (m2.K)/W TC= 0,102 W/m.k

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)				
Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN 16511 EN ISO 10874	Class 34	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		No Cracks	Surpasses Requirements
Micro-Scratch Resistance [Class] 3	EN 16094, Method B	N/A	MSR-A2 /MSR-B1	Passes / Surpasses
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 & 3 - 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	Surpasses Requirements
Dimensional Stability Due to Variation of Temperature	EN ISO 23999		≤0.25%	Surpasses Requirements
Thickness (t)	ISO 24337		Δt _{avg} ≤ 0.50mm (Versus Nominal) t _{max} - t _{min} ≤ 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		Δw _{wavg} ≤ 0.10mm (Versus Nominal) w _{max} - w _{min} ≤ 0.20mm	Passes Requirements
Squareness (q)			q _{max} ≤ 0.20mm	Passes Requirements
Straightness (s)			s _{max} ≤ 0.30mm/m	Passes Requirements
Flatness (f)	ISO 24337	N/A	Maximum Single Values: f _{wconcave} ≤ 0.15%, f _{wconvex} ≤ 0.20% f _{lconcave} ≤ 0.50%, f _{lconvex} ≤ 1.00%	Passes Requirements
Openings (o)	ISO 24337	N/A	Measured from the Surface Between Vertical, Contacting Edges: o _{avg} ≤ 0.15mm, o _{max} ≤ 0.20mm	Passes Requirements
Height Difference (h)	ISO 24337	N/A	h _{avg} ≤ 0.10mm, h _{max} ≤ 0.15mm	Passes Requirements

EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY				
Description	Standard	Symbol	Requirements	Results
Colour Fastness to Light	ISO 105-B02, Method 3		≥Grade 6	Passes Requirements
Slip Resistance (Wet)	DIN 51130	N/A	Grade R10: ≥10° and <19°	Surpasses Requirements
Slip Resistance (Australia / New Zealand)	AS 4586	N/A	Wet Pendulum (Slider 96) P4: 45-54 SRV Oil-Wet Inclining Platform Grade R9: ≥6° and <10°	Passes / Surpasses
Slip Resistance (UK)	BS 7976-2+A1	N/A	Ratings - Slip Potential Low: 36+ PTV Moderate: 25-35 PTV High: 0-24 PTV	Low Slip Potential - Dry & Wet
Resistance to Staining	EN ISO 26987:2012		N/A (No Official Requirements)	0 (Not Affected/Unchanged)
Density	EN ISO 23996:2012/ ISO 23996:2007 Method A	N/A	N/A	1589 kg/m3
Thickness of wear layer	ISO 24340: 2006	N/A	N/A	Surpasses Requirements
Impact Sound Insulation ¹⁾	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 20 dB
A-weighted walking sound pressure level	EN 16205:2013		N/A	Ln,walk, A = 80 dB(A)
Product-Content Safety	REACH SVHC 191	N/A	Refer to Standard	Passes Requirements

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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ICONIC OAK BOLSENA
Rigid CORE ES8476524X