



ELEMENTAL

LVT DRYBACK FLOORING

LVT MULTILAYER FLOORING

BY ASPECTA®

RESIDENTIAL 0.3

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RIDGE OAK - TAN  
EM966102, ED966102





## ALWAYS THE RIGHT CHOICE: **ELEMENTAL Residential 0.3**

Whether moving in or refurbishing, the right choice of flooring for your home depends on the spatial conditions and planned use. If the flooring is for permanent installation with the lowest possible material structure, then ELEMENTAL Dryback for glue-down is the right choice. If comfort and footfall sound insulation are the main considerations, then we recommend the float laying of ELEMENTAL Multilayer with Click connection.

Thanks to the flexibility of ELEMENTAL Residential 0.3, you no longer have to choose one of these options for your home: each of the 10 exclusive wood designs is available both as a dryback and as a multilayer version. This means that ELEMENTAL Residential 0.3 can be combined just as you desire, and will easily fulfil all the requirements of your home. Regardless of the particular construction, the collection is notable for the particularly authentic surface finish, resistance to dirt, and ease of care.



**FOR THOSE WHO  
WANT TO BE TIED DOWN:  
STABILITY THAT STAYS**

**ELEMENTAL Dryback** was developed for permanent installation, which makes it ideal for those areas in your home that are subject to intensive use on a daily basis. Whether playing children and pets, dirty shoes or spilt drinks, the extra matt 0.3mm thick wear layer not only guarantees the authentic look of the attractive wood designs, but also protects your floor covering against scratches and wear. A UV-cured urethane coating with microscopically small ceramic particles also provides a high level of resistance to dirt, making it easier to clean and care for your floor.

This means that **ELEMENTAL Dryback** will remain dimensionally stable and optically flawless for years. Furthermore, thanks to the low total thickness of 2mm, in the event of renovations there will be fewer differences in height, with no need to shorten doors or for the time-consuming removal of old floor coverings such as tiles.

- Authentic wood embossing with an extra matt surface
- 100% waterproof
- Suitable for use with underfloor heating\*
- Ideal for the renovation of tiles without removing the old covering\*
- Fewer differences in height thanks to the total thickness of just 2mm
- 10-year warranty in commercial and residential areas

\*For detailed information on the laying of ELEMENTAL Dryback, please go to our website [www.elementalbyaspecta.com](http://www.elementalbyaspecta.com)

ELEMENTAL Dryback Residential 0.3	
Laying method	Glue-down installation
Total thickness	2mm
Wear layer thickness	0.3mm
Plank size	200 x 1222mm



## ELEMENTAL Multilayer

The next generation of floors: the innovative modular multilayer covering **ELEMENTAL Multilayer** combines attractive looks with the latest technology. At the heart of the covering is a 4mm extruded vinyl structural core based on innovative ISOCORE Technology®. A 1.5mm thick LVT top layer is applied to this core, while the 1mm thick pre-attached PE backing helps to even out imperfections and provides sound insulation to 18dB.

The multilayer construction makes **ELEMENTAL Multilayer** extremely robust and dimensionally stable. At the same time, it is remarkably light and compact and, in combination with the DROPLock 100™ system, quick and clean to install.

Thanks to its construction the flooring is also 100% waterproof and the ideal choice for bathrooms, kitchens and conservatories.

- Authentic wood embossing with an ultra matt surface finish
- High level of sound insulation (18dB)
- 100% waterproof
- High dimensional stability
- Evens out minor subfloor imperfections\*
- Can be laid on old coverings such as PVC, linoleum, cork, ceramic tiles\*
- Suitable for use with underfloor heating and in conservatories\*
- Quick and clean to lay with the Click system
- 10-year warranty in commercial and residential areas

\*For detailed information on the laying of ELEMENTAL Multilayer, please go to our website [www.elementalbyaspecta.com](http://www.elementalbyaspecta.com)

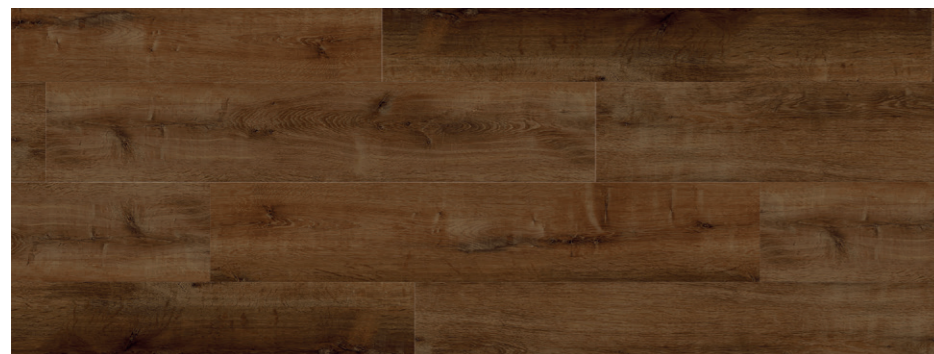
MORE LAYERS, MORE  
POSSIBILITIES: THE NEW  
KIND OF COMFORT ZONE

ELEMENTAL Multilayer Residential 0.3	
Laying method	Floating installation
Total thickness	6.5mm
Wear layer thickness	0.3mm
Plank size	220 x 1210mm



COLONIAL OAK - BROWN  
EM967113, ED967113





**COLONIAL OAK - BROWN**  
Embossing: Natural Timber

EM967113 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm

ED967113 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**RIDGE OAK - TAN**  
Embossing: Natural Timber

EM966102 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm

ED966102 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**COLONIAL OAK - HONEY**  
Embossing: Natural Timber

EM967110 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm

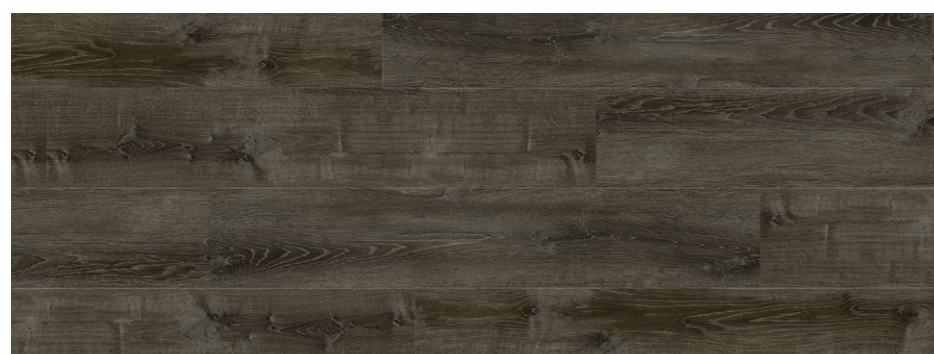
ED967110 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**COLONIAL OAK - LIGHT**  
Embossing: Natural Timber

EM96711 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm

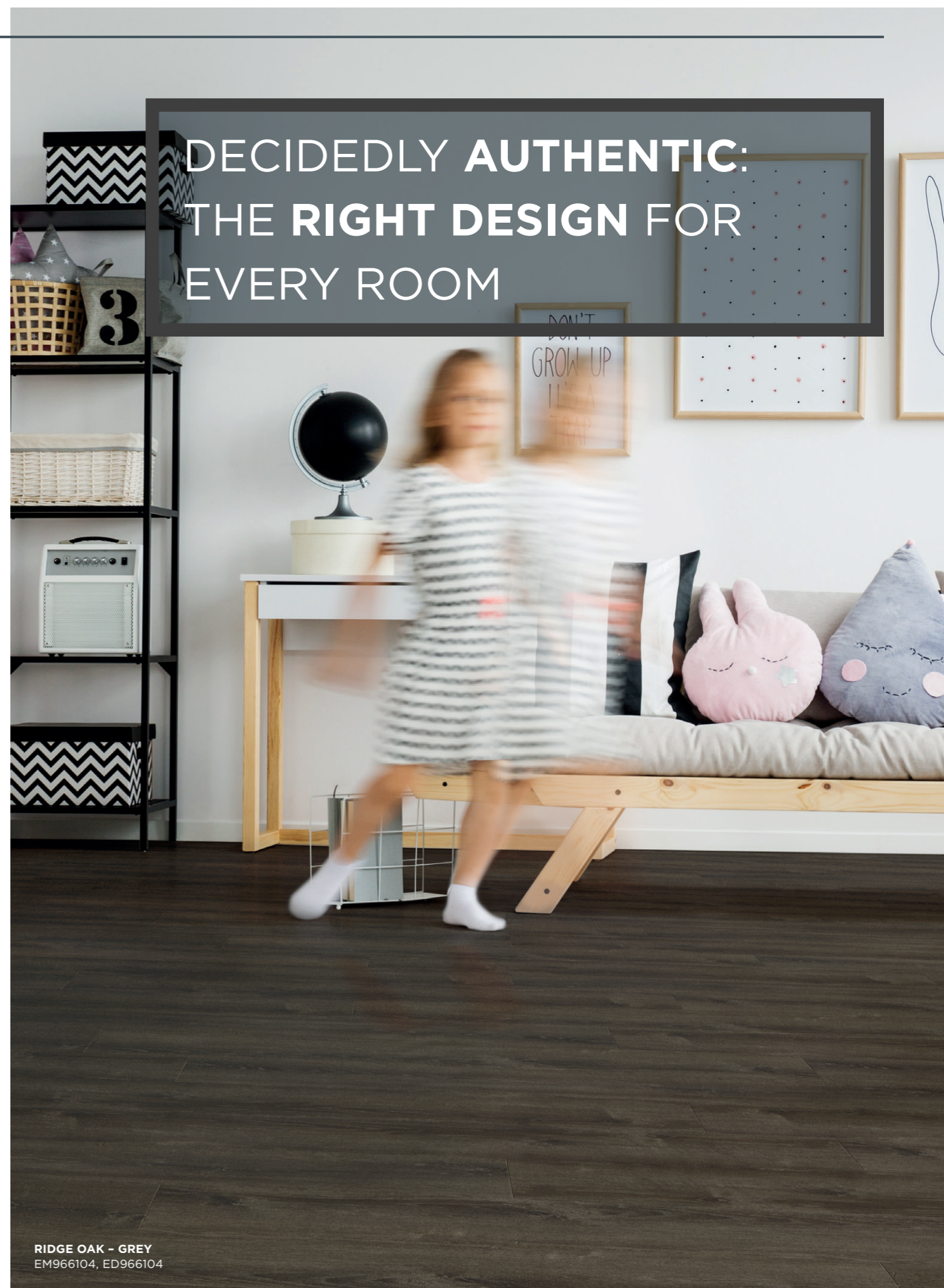
ED96711 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**RIDGE OAK - GREY**  
Embossing: Natural Timber

EM966104 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm

ED966104 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



DECIDEDLY AUTHENTIC:  
THE RIGHT DESIGN FOR  
EVERY ROOM

**RIDGE OAK - GREY**  
EM966104, ED966104



EFFECTIVE AND NATURAL:  
OAK IN ALL ITS VARIETY



RIDGE OAK - SILVER  
EM966106, ED966106



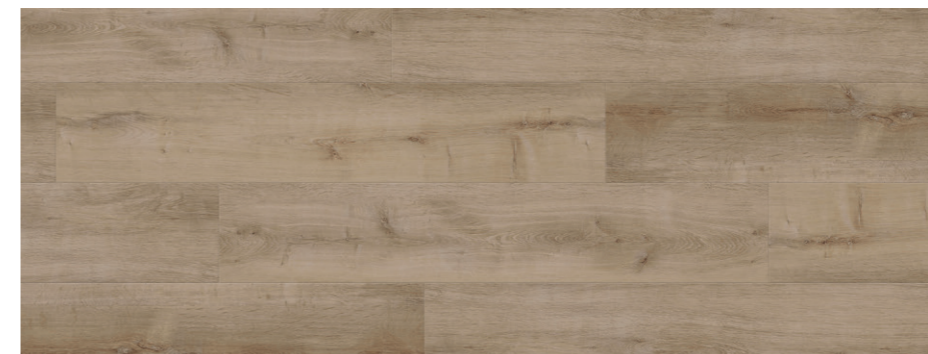
**RIDGE OAK - SILVER**  
Embossing: Natural Timber  
  
EM966106 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm  
  
ED966106 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**ROYAL OAK - GREY**  
Embossing: Natural Timber  
  
EM107514 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm  
  
ED107514 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**COLONIAL OAK - WHITE**  
Embossing: Natural Timber  
  
EM96715 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm  
  
ED96715 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



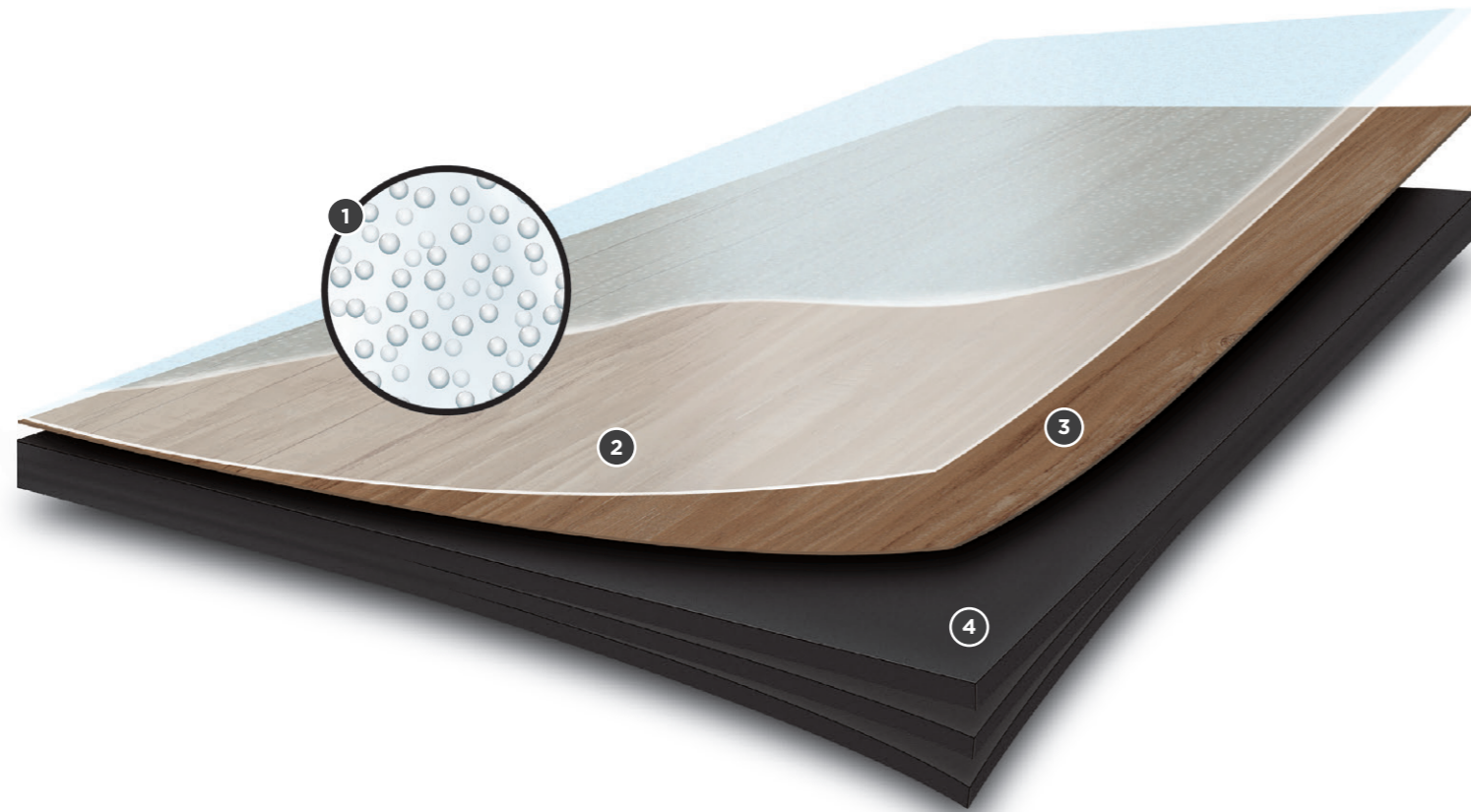
**COLONIAL OAK - MAUVE**  
Embossing: Natural Timber  
  
EM967111 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm  
  
ED967111 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm



**DOWNING OAK - LIGHT**  
Embossing: Natural Timber  
  
EM112211 Modular multilayer covering  
Dimensions: 220 x 1210 x 6.5/0.3mm  
  
ED112211 LVT for glue-down  
Dimensions: 200 x 1222 x 2/0.3mm

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





**1 CERAMIC BEAD OVERLAY**  
Microscopic ceramic particles suspended in a UV-cured urethane coating for superior wear and stain resistance and easy care and maintenance.

**2 CLEAR VINYL WEAR LAYER**  
A 0.3mm 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 2MM SOLID VINYL BASE**  
Multiple layers of solid virgin vinyl enhance durability and facilitate an excellent indentation performance.

PHYSICAL PROPERTIES & PACKAGING - DRYBACK 2.0MM/0.3MM	
Size	200mm x 1222mm (7.87" x 48.11")
Construction	Solid Vinyl Tile/LVT
Use	Light Commercial & Residential
Wear Layer	0.3mm (12mil)
Edge Detail	Beveled Edge
Finish	Urethane Coating with Ceramic Bead Particles
Thickness	2.0mm (0.080")
Pieces/Cartron	15
Coverage/Piece	0.244m <sup>2</sup> (2.63 Sq.Ft.)
Coverage/Cartron	3.67m <sup>2</sup> (39.5 Sq.Ft.)
Coverage/Pallet	40 Cartons (146.8m <sup>2</sup> / 1,580.14 Sq.Ft.)
Coverage/Container	40 Pallets (5,872m <sup>2</sup> / 63,205.68 Sq.Ft.)
Limited Warranty	10 Year Commercial 10 Year Residential

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)			
Description	Standard	Requirements	Results
Identification	EN ISO 10582	<b>Type I:</b> Wear Layer Binder Content $\geq 80\%$	Passes Requirements
Classification (Level of Use)	EN ISO 10582 EN ISO 10874	<b>Commercial - Moderate (Class 31)</b> Wear Layer (Nominal): $\geq 0.3\text{mm}$ Thickness (Nominal): $\geq 2.0\text{mm}$	Passes Requirements (Nominal)
Dimensional Stability	EN ISO 23999 / EN 434	$\leq 0.25\%$	Surpasses Requirements
Residual Indentation	EN ISO 24343-1 / EN 433	$\leq 0.1\text{mm}$	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	$\geq$ Grade 6	Surpasses Requirements

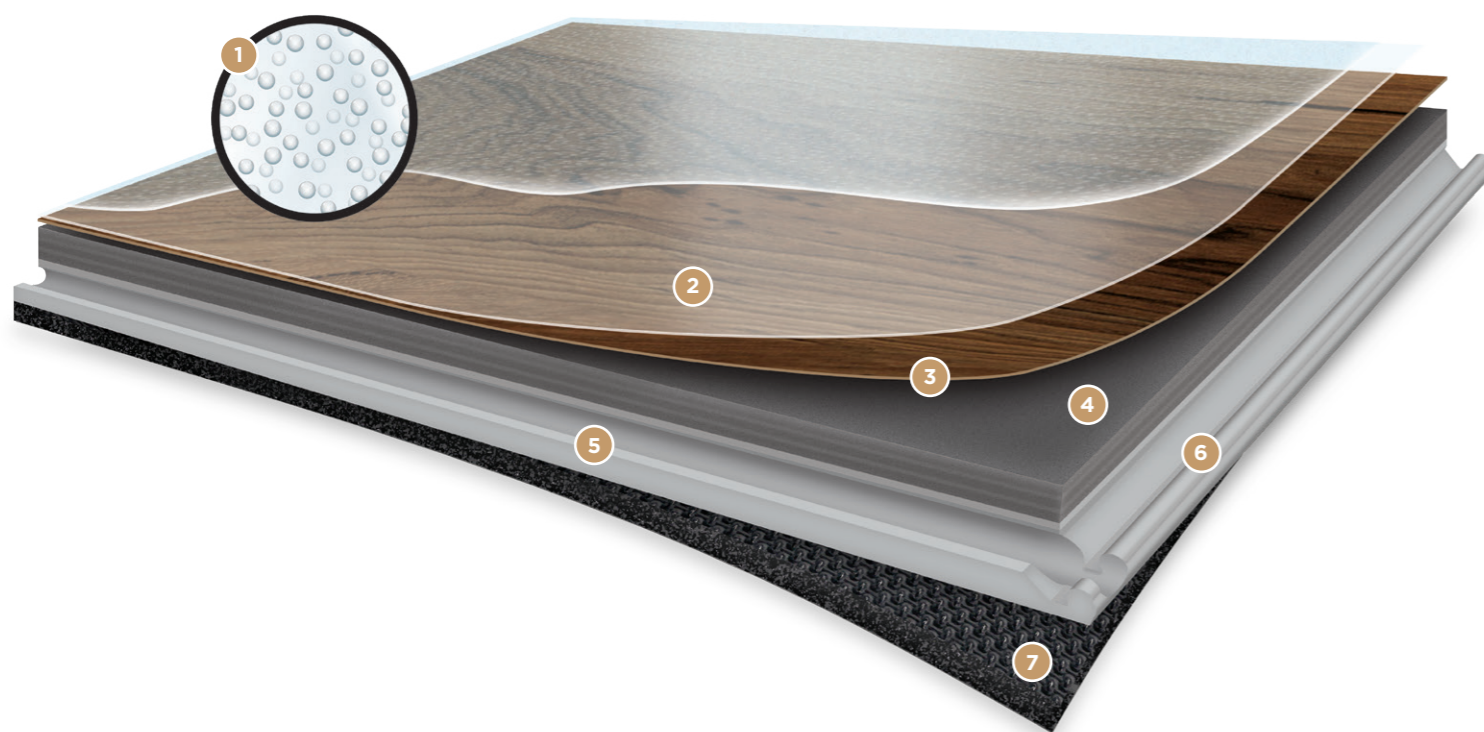
EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING			
Description	Standard	Requirements	Results
CE Certification	EN 14041	Refer to Standards Below	Refer to Results Below
Reaction to Fire (and Smoke Production)	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	<b>B<sup>n</sup> - s1</b> Critical Flux: $\geq 8.0\text{kW/m}^2$ Flame Spread: $\leq 150\text{mm}$ within 20s Smoke Value as % x min: $\leq 750$	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 14041	$< 0.1\text{ppm}$	Passes Requirements
Formaldehyde Emission	EN 717-1	<b>Class E1:</b> Release $\leq 0.124\text{mg/m}^3$	Passes Requirements
Slip Resistance (Dry)	EN 13893	<b>Class DS:</b> Coefficient of Friction $\geq 0.3$	Surpasses Requirements

EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY			
Description	Standard	Requirements	Results
Slip Resistance (Wet)	DIN 51130	Grade R10: $\geq 10^\circ$ and $< 19^\circ$	Passes Requirements
Chemical Resistance	EN ISO 26987 / EN 423	N/A	No Effect
Thermal Resistance	EN 12667	N/A	0.01m <sup>2</sup> K/W at 10°C
Static Electrical Propensity	EN 1815, Method A	N/A	Average: 1.4kV
Abrasion/Wear Resistance	EN 660-2	N/A	Fv $\leq 4.0\text{mm}^3 / 100\text{r}$
Impact Sound Insulation <sup>1</sup>	EN ISO 10140-3, ISO 717-2 EN ISO 140-8	N/A	$\Delta L_w = 1\text{dB}$
Product-Content Safety	REACH SVHC 169	Refer to Standard	Passes Requirements

<sup>1</sup>Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8):  $\Delta L_w$  = Weighted Reduction of Impact Sound Pressure Level



Featuring  ISOCORE Technology®



- 1 CERAMIC BEAD OVERLAY**  
Microscopic ceramic particles suspended in a UV-cured urethane coating for superior wear and stain resistance and easy care and maintenance.
- 2 CLEAR VINYL WEAR LAYER**  
A 0.3mm 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 1.5MM SOLID VINYL TOP LAYER**  
Multiple layers of solid virgin vinyl enhance durability and facilitate an excellent indentation performance.

- 5 ISOCORE TECHNOLOGY®**  
A 4mm thick highly engineered closed-cell extruded vinyl structural core. ISOCORE is 100% waterproof, rigid, light, strong and dimensionally stable.
- 6 CLICK LOCKING SYSTEM WITH DROPLOCK 100**  
Edges utilize DROPLOCK 100™, an extremely strong fold-down locking connection for a quick and easy installation.
- 7 INTEGRAL SOUND MITIGATING UNDERLAY**  
A 1mm 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 - MODULAR MULTILAYER FLOORING 6.5MM/0.3MM	
<b>Size</b>	220mm x 1210mm (8.66" x 47.64")
<b>Construction:</b> Extruded Vinyl Core Top Layer Pre-Attached Underlayment	4.0mm (0.157") ISOCORE Technology® 1.5mm (0.059") Luxury Vinyl Tile 1.0mm (0.039") HDPE
<b>Use</b>	Light Commercial & Residential
<b>Wear Layer</b>	0.3mm (12mil)
<b>Edge Detail</b>	Beveled Edge
<b>Finish</b>	Urethane with Enhanced Ceramic Bead (ECB)
<b>Thickness</b>	6.5mm (0.256")
<b>Pieces/Cartron</b>	7
<b>Coverage/Piece</b>	0.266m <sup>2</sup> (2.86 Sq.Ft.)
<b>Coverage/Cartron</b>	1.862m <sup>2</sup> (20.02 Sq.Ft.)
<b>Coverage/Pallet</b>	44 Cartons (81.93m <sup>2</sup> / 882 Sq.Ft.)
<b>Coverage/Container</b>	24 Pallets (1.966,32m <sup>2</sup> / 21165.29 Sq.Ft.)
<b>Limited Warranty</b>	10 Year Commercial 10 Year Residential

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)			
Description	Standard	Requirements	Results
<b>Classification (Level of Use)</b>	EN ISO 10582 EN ISO 10874	<b>Commercial - Moderate (Class 31)</b> Wear Layer (Nominal): ≥0.3mm Thickness (Nominal): ≥2.0mm	Passes Requirements (Nominal)
<b>Dimensional Stability Due to Variation of Temperature</b>	EN ISO 23999	N/A	≤0.25%
<b>Height Difference (h)</b>	ISO 24337	$h_{avg} \leq 0.10mm$ $h_{max} \leq 0.15mm$	Passes Requirements

EUROPEAN / INTERNATIONAL STANDARDS - CE CERTIFICATION / TESTING			
Description	Standard	Requirements	Results
<b>CE Certification</b>	EN 14041	Refer to Standards Below	Refer to Results Below
<b>Reaction to Fire (and Smoke Production)</b>	EN 13501-1 EN ISO 9239-1 EN ISO 11925-2	<b>B<sub>1</sub> - s1</b> Critical Flux: ≥8.0kW/m <sup>2</sup> Flame Spread: ≤150mm within 20s Smoke Value as % x min: ≤750	Passes Requirements
<b>Content of PCP (Pentachlorophenol)</b>	EN 14041	<5ppm	Passes Requirements
<b>Formaldehyde Emission</b>	EN 717-1	<b>Class E1:</b> Release ≤0.124mg/m <sup>3</sup>	Passes Requirements
<b>Slip Resistance (Dry)</b>	EN 13893	<b>Class DS:</b> Coefficient of Friction ≥0.3	Surpasses Requirements

EUROPEAN / INTERNATIONAL STANDARDS - AUXILIARY PERFORMANCE & SAFETY			
Description	Standard	Requirements	Results
<b>Slip Resistance (Wet)</b>	DIN 51130	Grade R9: ≥6° and <10°	Passes Requirements
<b>Impact Sound Insulation<sup>1</sup></b>	EN ISO 10140-3 ISO 717-2 EN ISO 140-8	N/A	ΔL <sub>w</sub> = 18dB
<b>Chemical Resistance</b>	EN ISO 26987 / EN 423	N/A	No Effect
<b>Product-Content Safety</b>	REACH SVHC 169	Refer to Standard	Passes Requirements

<sup>1</sup>Impact Sound Insulation (EN ISO 10140-3, ISO 717-2, EN ISO 140-8): ΔL<sub>w</sub> = Weighted Reduction of Impact Sound Pressure Level