

ELEMENTAL

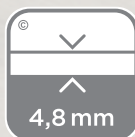
BY ASPECTA™

ESSENTIAL COLLECTION

# NORDIC OAK & BÉTON

NORDIC OAK GREY  
ES3487112

PLANK & TILE COLLECTION



**PLANKS**

Emboss: Natural Timber | Size: 1210 x 225 x 4.8 mm

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**NORDIC OAK GREY - ES3487112**



**NORDIC OAK ANTIQUE - ES3487113**



**NORDIC OAK LIGHT** - ES3487811



**NORDIC OAK SILVER** - ES3487514

**PLANKS**

Emboss: Natural Timber | Size: 1210 x 225 x 4.8 mm

**TILES**

Emboss: Textured Concrete | Size: 906 x 448 x 4.8 mm



**NORDIC OAK NATURAL** - ES3488106



**BETON LIGHT** - ES3482362



**BETON MEDIUM** - ES3482367



**BETON DARK** - ES3482369

TECHNICAL DATA

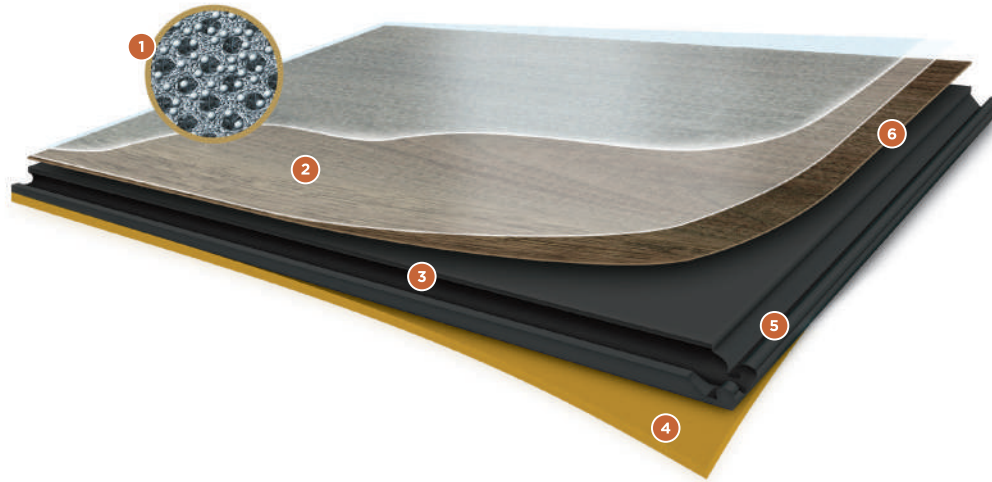
PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 4,8 / 0,3 MM)

Series & Collections	Woods • Nordic Oak Antique • Nordic Oak Grey • Nordic Oak Natural • Nordic Oak Silver • Nordic Oak Light	Tiles • Beton Dark • Beton Medium • Beton Light
Construction Extruded Vinyl Core Pre-Attached Underlayment	4,0 mm (including printfilm) 0,8 mm LDPE	4,0 mm (including printfilm) 0,8 mm LDPE
Use	Commercial and Residential	Commercial and Residential
Size	1210 mm x 225 mm	906 mm x 448 mm
Wear Layer	0,3 mm	0,3 mm
Edge Detail	4 sides Micro-Bevel	4 sides Micro-Bevel
Finish	Urethane with Ceramic Bead (CB)	Urethane with Ceramic Bead (CB)
Embossing(s)	Natural Timber	Textured Concrete
Thickness	4,80 mm	4,80 mm
Mass per Carton	17,50 kg	19,80
Pieces/Carton	8	6
Coverage/Carton	2,18 m <sup>2</sup>	2,44 m <sup>2</sup>
Coverage/Pallet	44 Cartons/Pallet (95,92 m <sup>2</sup> )	48 Cartons/Pallet (117,12 m <sup>2</sup> )
Coverage/Container	24 Pallets/Container (2302,08 m <sup>2</sup> )	20 Pallets/Container (2342,4 m <sup>2</sup> )
Warranty	5 year commercial 15 year residential	5 year commercial 15 year residential

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)

Description	Standard	Symbol	Requirements	Results
Classification (Level of Use)	EN 16511 EN ISO 10874		<b>Commercial - General (Class 32)</b> 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] <sup>3</sup>	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		$\Delta t_{avg} \leq 0,50\text{mm}$ (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
Flatness (f)	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 (o)	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 (h)	ISO 24337	N/A	$h_{avg} \leq 0,10\text{mm}$ $h_{max} \leq 0,15\text{mm}$	Passes Requirements

## CONSTRUCTION



### 1 URETHANE COATING WITH CERAMIC BEAD PARTICLES

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

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.

## 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	<b>Wet Pendulum (Slider 96)</b> P4: 45-54 SRV <b>Oil-Wet Inclining Platform</b> Grade R9: ≥6° and <10°	Passes / Surpasses
Slip Resistance (UK)	BS 7976-2+A1	N/A	<u>Ratings - Slip Potential</u> 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)
Thickness of wear layer	ISO 24340: 2006	N/A	N/A	Surpasses Requirements
Impact Sound Insulation <sup>1</sup>	EN ISO 10140-3 ISO 717-2 EN ISO 140-8		N/A	ΔLW = 18 dB
Product-Content Safety	REACH SVHC 191	N/A	Refer to Standard	Passes Requirements

## 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>1</sub>-s1 Classification</b> Critical Flux: ≥8.0kW/m <sup>2</sup> Flame Spread: ≤150mm within 20s Smoke value as % x min: ≤750	Passes Requirements
Formaldehyde Emission	EN 717-1		<b>Class E1:</b> Release ≤0.124mg/m <sup>3</sup>	Passes Requirements
Content of PCP (Pentachlorophenol)	EN 12673:1999		<5ppm	Passes Requirements
Slip Resistance (Dry)	EN 13893		<b>Class DS:</b> Coefficient of Friction ≥0.30	Surpasses Requirements
Static Electrical Propensity	EN 1815, Method A		<b>Antistatic Floor Coverings:</b> ≤2.0kV (Absolute Value)	Passes Requirements/Antistatic

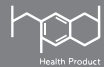


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**NORDIC OAK & BÉTON**

Just. Declare.



Aspecta B.V.  
 Argon 37a  
 4751 XC Oud Gastel  
 The Netherlands