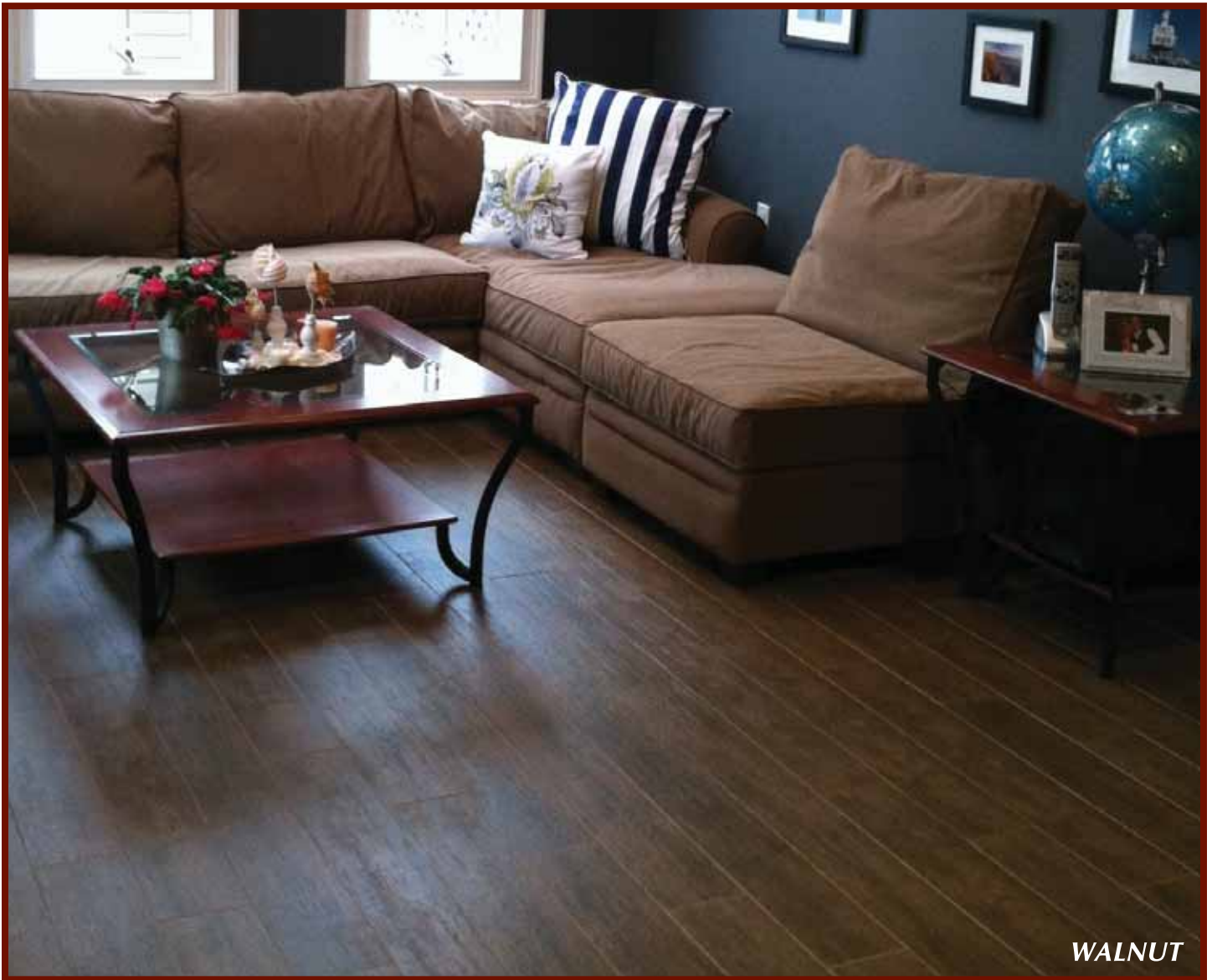




Albero 2

porcelain stoneware



WALNUT

TILE - PORCELAIN - STONE - MOSAICS - GLASS

COBSA-USA

NEW YORK | NEW JERSEY | MIAMI

PORCELAIN STONEWARE



MAHOGANY BARNBOARD • 6x36

DOM A2BI 636



Birch Driftwood

| 6 x 36 |

DOM A2CH 636



Cherry Wood

| 6 x 36 |

DOM A2MA 636



Mahogany Barnboard

| 6 x 36 |

DOM A2OA 636



Oak Antico

| 6 x 36 |

DOM A2WA 636



Walnut Rustico

| 6 x 36 |

Suggested Applications

floor wall residential light commercial heavy commercial exterior pools

Installation Suggestions

joint size: 3/4" modular setting plank installation
 edge: straight rustic re-rectified finish: matte polished structured honed semi-polished other

Shade Variation

V1 Uniform Appearance V2 Slight Variation V3 Moderate Variation V4 Substantial Variation
 thickness: 11mm inches

Slip Resistance

Coefficient of Friction
 WET: standard* .6 result **.63**
 DRY: standard* .6 result **.65**
 accessible routes: ramps:

Values: 0-0.50 Questionable, 0.50-0.60 Conditionally Slip Resistant, >0.60 Slip Resistant
 Tile Classification: Questionable, Conditionally Slip Resistant, Slip Resistant

DIN 51130
 R9* 3-10°
 R10 10-19°
 R11 19-27°
 R12 27-35°
 R13 >35°

DIN 51097

Class	Typical applications	Critical angle
<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input checked="" type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
<input checked="" type="checkbox"/> C	Areas constantly under water, e.g. steps into pools, foot baths, included pool surrounds, jacuzzis (plus all Class A&B areas)	≥24°

ASTM C-1028
 DIN 51097/51130
 *Industry Standard/ADA Requirements

Scratch Resistance

Mineral
 1. Talc (Talc)
 2. Gypsum (Fingernail)
 3. Calcite (Penny)
 4. Fluorite (Some Marbles)
 5. Apatite (Knife Blade)

Mineral
 6. Microline (Glass, Glazed Tile)
 7. Quartz (Unglazed Porcelain)
 8. Topaz (Granite)
 9. Corundum (Ruby)
 10. Diamond (Diamond)

Industry standard ≤175mm²

Wear Resistance
 PEI RATING
 UNI EN ISO
 10545.7

Class 1: Walls only
 Class 2: Resid. floors w/minimal abrasive traffic.
 Class 3: Resid. interiors normal use and foot traffic.
 Class 4: Light-medium commercial applications.
 Class 5: Commercial applications.

MOH'S SCALE
 UNI EN ISO 10545.6 123mm

Stain Resistance

5: Removed after 5 minutes (hot water running)
 4: Removed by manual cleaning (weak detergent)
 3: Removed by mechanical cleaning (strong detergent)
 2: Removed by immersion (24 hrs in suitable solvent)
 1: Stain not removed

ASTM C1378-04
 UNI EN ISO 10545.14 5

Water Absorption
 ASTM C-373
 UNI EN ISO 10545.3 .74

Absorbs 0-.5% Impervious Interior/exterior Frost Resistant
 Absorbs .5-3% Vitreous Interior/exterior Frost Resistant
 Absorbs 3-7% Semi-Vitreous Indoor use only
 Absorbs 7%+ Non-Vitreous Indoor use only

Breaking Strength

Industry standard should be greater than 250 lbs or 50 N/MM²
 Pass

ASTM C648
 UNI EN ISO 10545.4

Facial Dimension
 ASTM c499-09
 UNI EN ISO 10545.02

	Standard	Tolerance	Result
flatness	± 5mm	± .5%	.5%
thickness	± 6mm	± .5%	.5%
straightness	± 4.5mm	± .5%	.15%
squareness	± 5.4mm	± .6%	.45%
sides L/W	± 1.1mm / ± 4.5mm	± .5%	.6%

Chemical Resistance
 ASTM C650
 UNI EN ISO 10545.13

Allowances for:
 acid: result A
 bases: result A
 chemicals: result A

Lead Information

REquireMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	Allowances for:	1 Point	2 Points
Site selection SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.		<input type="checkbox"/>	<input type="checkbox"/>
Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Indoor Environmental Quality Low-Emitting Materials-Flooring Systems IEQ CREDIT 3.1-7 Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC		<input checked="" type="checkbox"/>	<input type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Materials & Resources M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.		50% <input checked="" type="checkbox"/>	70% <input type="checkbox"/>
M&R CREDIT 4.1-4.2 Recycled Content: The sum of post consumer plus 1/2 of the pre consumer reps at least 10-20% of total value of materials.		10% <input type="checkbox"/>	20% <input checked="" type="checkbox"/>
M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.		10% <input type="checkbox"/>	20% <input checked="" type="checkbox"/>
Innovation in Design ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		1-5 Points	

Type: **Porcelain Stoneware**
 Product Line: **Albero 2**

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E. BRUNSWICK, NJ 08816

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