

Barnyard



*Inspired By Nature,
Made Possible By...*



Blanco

COPBABL636



| 6 x 36 |



Griss

COPBAGR636



| 6 x 36 |



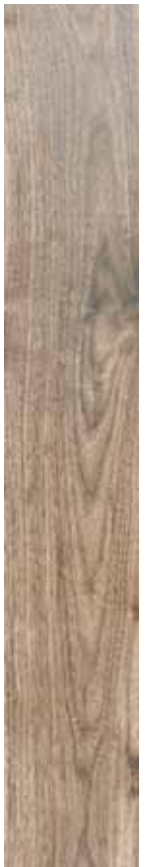
COPBANA636



| 6 x 36 |



COPBAVI636



| 6 x 36 |

Suggested Applications



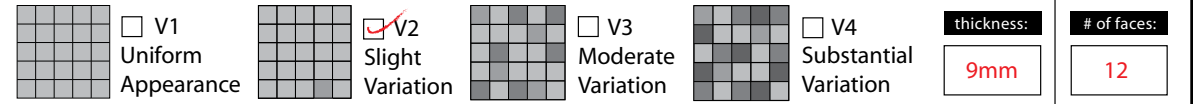
Installation Suggestions



Porcelain Type



Shade Variation



Slip Resistance



COF	WET		DRY		DCOF
	standard*	result	standard*	result	
accessible routes	.6	.77	.6	.88	.67
ramps	.8		.8		

*Industry Standard/ADA Requirements

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

ASTM C-1028
DIN 51097/51130

DIN 51130	DIN 51097 Class	Typical Applications	Critical Angle
<input checked="" type="checkbox"/> R9* 3-10°	<input checked="" type="checkbox"/> A	Barefoot, but mainly dry aisles and walkways, dry changing areas	≥12°
<input type="checkbox"/> R10 10-19°	<input type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
<input type="checkbox"/> R11 19-27°	<input 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°
<input type="checkbox"/> R12 27-35°			
<input type="checkbox"/> R13 >35°			

Scratch Resistance



MOH'S SCALE **7**
UNI EN ISO 10545.6

Mineral	6. Microline (Glass, Glazed Tile)
1. Talc (Talc)	7. Quartz (Unglazed Porcelain)
2. Gypsum (Fingernail)	8. Topaz (Granite)
3. Calcite (Penny)	9. Corundum (Ruby)
4. Fluorite (Some Marbles)	10. Diamond (Diamond)
5. Apatite (Knife Blade)	

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.

Stain Resistance

ASTM C1378-04
UNI EN ISO 10545.14 **5**

- 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

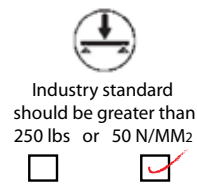
Water Absorption

ASTM C-373
UNI EN ISO 10545.3

<input checked="" type="checkbox"/> Absorbs 0-.5%	<input type="checkbox"/> Absorbs .5-3%	<input type="checkbox"/> Absorbs 3-7%	<input type="checkbox"/> Absorbs 7% +
Impervious Interior/external Frost Resistant	Vitreous Interior/external Frost Resistant	Semi-Vitreous Indoor use only	Non-Vitreous Indoor use only

Breaking Strength

ASTM C648
UNI EN ISO 10545.4



Facial Dimension

ASTM c499-09
UNI EN ISO 10545.02

	Standard	Tolerance	Result
flatness	±5mm	±.5%	-0.08%
thickness	±6mm	±.5%	-4%
straightness	±4.5mm	±.5%	-0.05%
squareness	±5.4mm	±.6%	-0.10%
sides L/W	±1.1mm ±4.5mm	±.5%	-0.05%

Chemical Resistance

ASTM C650
UNI EN ISO 10545.13

Allowances for:

	result
acid	GLA
bases	GLA
chemicals	GA

Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point	Materials & Resources	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"/>	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"/>
Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<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 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"/>	M&R CREDIT 5 Regional Materials: Materials manufactured within 500 miles of the project site.	10% <input type="checkbox"/>	20% <input type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input type="checkbox"/>	Innovation in Design ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	1-5 Points <input type="checkbox"/>	
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>			

Type: Porcelain Stoneware

Product Line: Barryard