

# Barnyard



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

**CANCOS**  
TILE & STONE



COPBABL636



| 6 x 36 |



COPBAGR636



| 6 x 36 |

COPBANA636



*Natural*



| 6 x 36 |



*Viejo*

COPBAVI636



| 6 x 36 |

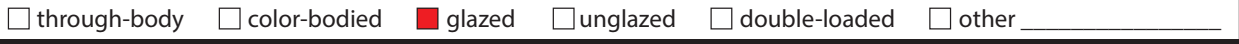
## Suggested Applications



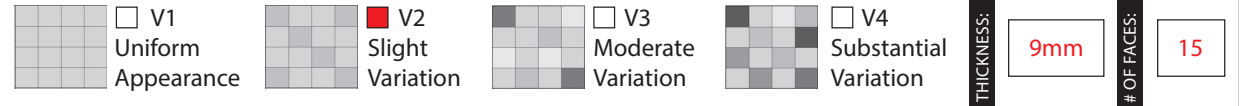
## Installation Suggestions



## Porcelain Type



## Shade Variation



## Slip Resistance

<b>DCOF</b> <input checked="" type="checkbox"/> <b>.67</b> 	<b>Values</b> ≥0.42 ≥0.65	<b>Applications</b> Standard Commercial Slip Resistance for both wet and dry areas Standard ADA Slip Resistance for Ramps	<b>DIN 51130</b> <input checked="" type="checkbox"/> R9* (3-10°) <input type="checkbox"/> R10 (10-19°) <input type="checkbox"/> R11** (19-27°) <input type="checkbox"/> R12 (27-35°) <input type="checkbox"/> R13 (>35°)	<b>DIN 51097</b> Class Typical Applications Critical Angle																
	<b>COF</b> accessible routes ramps	<table border="1"> <tr> <th colspan="2">WET</th> <th colspan="2">DRY</th> </tr> <tr> <td>standard</td> <td>result</td> <td>standard</td> <td>result</td> </tr> <tr> <td>.6</td> <td>.77</td> <td>.6</td> <td>.88</td> </tr> <tr> <td>.8</td> <td></td> <td>.8</td> <td></td> </tr> </table>	WET		DRY		standard	result	standard	result	.6	.77	.6	.88	.8		.8		<b>Values</b> 0 - 0.50 0.50 - 0.60 > 0.60	<b>Tile Classification</b> Questionable Conditionally Slip Resistant Slip Resistant
WET		DRY																		
standard	result	standard	result																	
.6	.77	.6	.88																	
.8		.8																		

ASTM C-1028  
ANSI A137.1  
DIN 51097/51130

## Scratch Resistance

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

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

Industry standard ≤175mm<sup>2</sup>

## Wear Resistance

PEI RATING  
UNI EN ISO 10545.7

- Class 1: Walls only
- Class 2: Residential floors w/minimal abrasive traffic
- Class 3: Residential interiors/light commercial traffic
- Class 4: Medium commercial applications
- Class 5: All commercial applications/heavy traffic

## 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% +
<b>Impervious</b> Interior/Exterior Frost Resistant	<b>Vitreous</b> Interior/Exterior Frost Resistant	<b>Semi-Vitreous</b> Indoor Use Only	<b>Non-Vitreous</b> Indoor Use Only

## Breaking Strength

ASTM C648  
UNI EN ISO 10545.4



Industry standard should be greater than 250 lbs or 50 N/MM<sup>2</sup>

## 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:

acid	result
bases	
chemicals	

## Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

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

Type: **Porcelain Stoneware**

Product Line: **Barnyard**

\*The marketing name for this product is property of Cancos Tile & Stone. This same product may be marketed under different names.\*