

# ROYAL

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*porcelain collection*



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**CANCOS**  
TILE & STONE

# CALACATTA GOLD

Royal

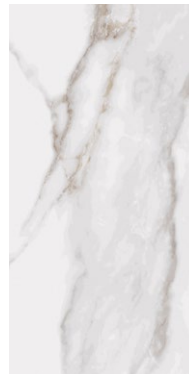


M ELEROCG2448  
P ELEROCG2448L



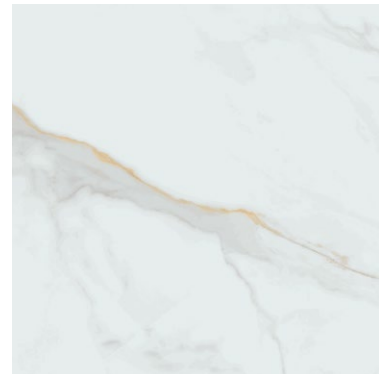
- 24x48 -

M ELEROCG1224  
P ELEROCG1224L



- 12x24 -

M ELEROCG24



- 24x24 -

M ELEROCGMOS22



- 2x2 mosaic -

M ELEROCGHEX



- hex mosaic -

M ELEROCGHER



- herringbone -

M ELEROCGWEAVE



- basketweave -

M ELEROCGBN224  
P ELEROCGBN224L



- 2x24 bullnose -

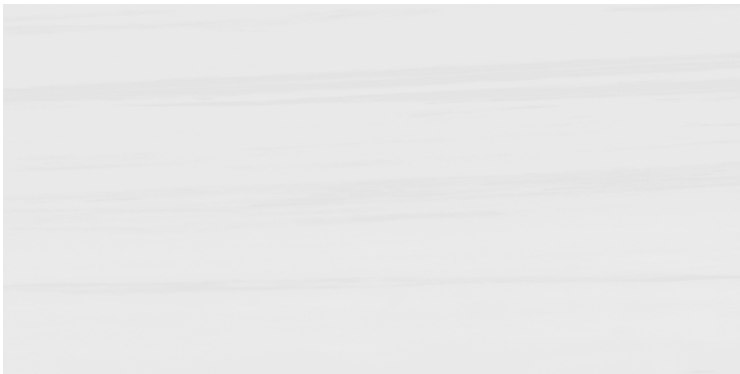
M = MATTE FINISH  
P = POLISHED FINISH

Royal

# DOLOMITE



M ELERODO2448  
 P ELERODO2448L



- 24x48 -

M ELERODO1224  
 P ELERODO1224L



- 12x24 -

M ELERODO24



- 24x24 -

M ELERODOMOS22



- 2x2 mosaic -

M ELERODOHEX



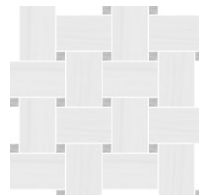
- hex mosaic -

M ELERODOHER



- herringbone -

M ELERODOWEAVE



- basketweave -

M ELERODOBN224  
 P ELERODOBN224L



- 2x24 bullnose -

M = MATTE FINISH  
 P = POLISHED FINISH

# STATUARIO

Royal



M ELEROST2448  
P ELEROST2448L



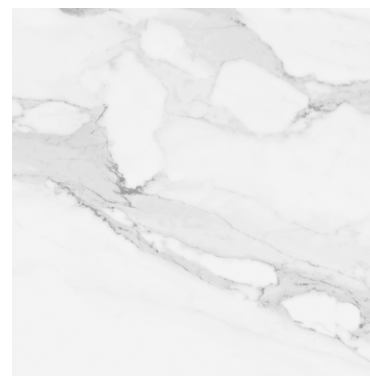
- 24x48 -

M ELEROST1224  
P ELEROST1224L



- 12x24 -

M ELEROST24



- 24x24 -

M ELEROSTMOS22



- 2x2 mosaic -

M ELEROSTHEX



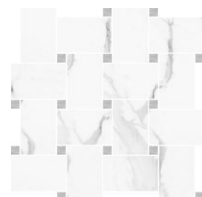
- hex mosaic -

M ELEROSTHER



- herringbone -

M ELEROSTWEAVE



- basketweave -

M ELEROSTBN224  
P ELEROSTBN224L



- 2x24 bullnose -

M = MATTE FINISH  
P = POLISHED FINISH



*Royal*



calacatta gold



*Royal*



dolomite

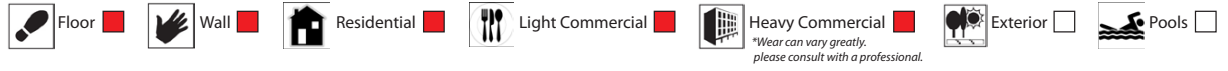


*Royal*



statuario

## Suggested Applications



## Installation Suggestions

Plank Installation\*  Modular Setting  Joint Size 2mm

\*Install the offset the width of the plank. For professional installation, the use of leveling spacers for all plank and rectangular (ie. 12x24) format tiles is recommended.

EDGE:  Straight/Pressed  Rustic  Rectified

FINISH:  Matte  Polished  Structured  
 Honed  Semi-Polished  \_\_\_\_\_

## Porcelain Type

through-body  color-bodied  glazed  unglazed  double-loaded  other \_\_\_\_\_

## Shade Variation

V1 Uniform Appearance  V2 Slight Variation  V3 Moderate Variation  V4 Substantial Variation

THICKNESS: 12x24=9.5mm 24x24=10.5mm  
 # OF FACES: 12x24=64 24x24=32 24x48=17

## Slip Resistance

DCOF Values Applications

0.42	0.42	Recommended Standard DCOF value for wet/dry commercial flooring
	0.65	Recommended Standard DCOF value for ADA ramps

DIN 51130 \*R9: Industry Standard/ADA Requirements \*\*R11: Recommended For Exteriors

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 type="checkbox"/> B	Shower rooms, pool surrounds, wet changing areas, disinfectant spray areas (plus all Class A areas)	≥18°
<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°

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

## Scratch Resistance

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>

MOH'S SCALE  
 UNI EN ISO 10545.6 **6**

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

\*Wear can vary greatly. please consult with a professional.

## 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

<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/Exterior Frost Resistant	Vitreous Interior/Exterior Frost Resistant	Semi-Vitreous Indoor Use Only	Non-Vitreous Indoor Use Only

## Breaking Strength

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

ASTM C648  
 UNI EN ISO 10545.4 **>50N**

Facial Dimension

ASTM c499-09  
 UNI EN ISO 10545.02

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

Chemical Resistance

ASTM C650  
 UNI EN ISO 10545.13

Allowances for:

result  
 Acid **PASS**  
 Bases **PASS**  
 Chemicals **PASS**

## Lead Information

REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

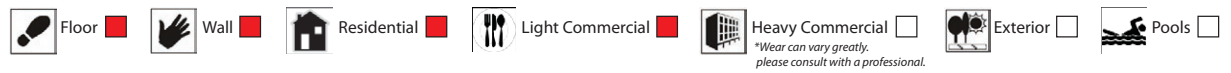
Sustainable Sites	1 Point	2 Points
Site selection SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Energy & Atmosphere EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<input checked="" 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 checked="" type="checkbox"/>
IEQ CREDIT 4.1 Low Emitting Adhesives: Products less than 65 G/L VOC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IEQ CREDIT 4.3 Low Emitting Materials: Flooring systems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Materials & Resources	1 Point	2 Points
M&R CREDIT 2 Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.	50% <input type="checkbox"/>	70% <input checked="" 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	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input checked="" type="checkbox"/>	

Type: **Porcelain (matte)**

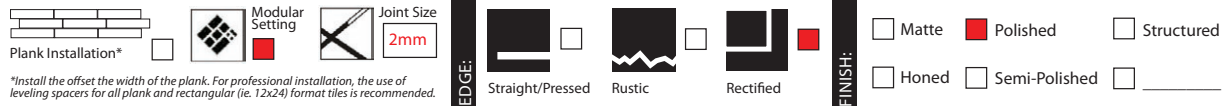
Product Line: **Royal**

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

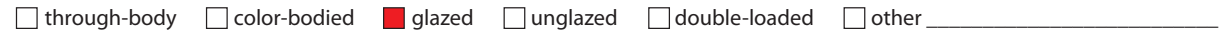
## Suggested Applications



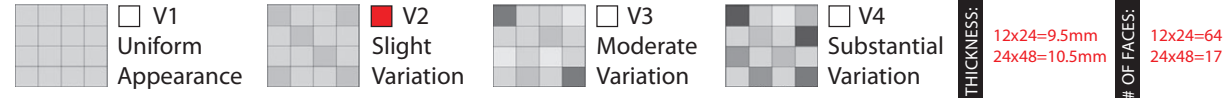
## Installation Suggestions



## Porcelain Type



## Shade Variation



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DIN 51097

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

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MOH'S SCALE  
UNI EN ISO 10545.6

6

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Industry standard ≤175mm<sup>2</sup>

## Wear Resistance

PEI RATING  
UNI EN ISO 10545.7

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ASTM C1378-04  
UNI EN ISO 10545.14

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## Breaking Strength

ASTM C648  
UNI EN ISO 10545.4

>50N



## Facial Dimension

ASTM c499-09  
UNI EN ISO 10545.02

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## Chemical Resistance

ASTM C650  
UNI EN ISO 10545.13



Allowances for:

result	
Acid	PASS
Bases	PASS
Chemicals	PASS

## Leed Information



REQUIREMENTS FOR COMMERCIAL INTERIORS/NEW CONSTRUCTION

Sustainable Sites	1 Point
Site selection SS CREDIT 1 Heat Island Effect-non roof Material with a solar reflectant index of at least 29.	<input checked="" type="checkbox"/>
Energy & Atmosphere	1 Point
EA CREDIT 4 Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT	<input checked="" type="checkbox"/>
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Innovation in Design	1-5 Points	
ID CREDIT 1 Innovation in Design Measurable exemplary environmental performance.	<input checked="" type="checkbox"/>	

Type:  
Porcelain (polished)

Product Line:  
Royal

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