





# ROMA CREAM

*Lux*







ROMA  
CREAM

ELELXRC2448



24x48

ELELXRC2448WAVE



24x48 wave

ELELXRCMOS22



2x2 mosaic



ROMA  
IVORY

*Lux*







*Lux*

ROMA  
IVORY

ELELXRI2448



24x48

ELELXRI2448WAVE



24x48 wave

ELELXRIMOS22



2x2 mosaic



ROMA  
WHITE

*Lux*







*Lux*

ROMA  
WHITE

ELELXRW2448



24x48

ELELXRW2448WAVE



24x48 wave

ELELXRWMOS22



2x2 mosaic



BIANCO  
VAGLI

*Lux*







ELELXBV2448



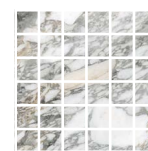
24x48

ELELXBV2448SEQ



24x48 sequence

ELELXBVMOS22



2x2 mosaic



# QUARTZITE LUNA

*Lux*







ELELXQL2448



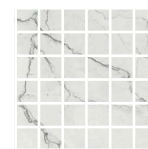
24x48

ELELXQL2448STAR



24x48 star

ELELXQLMOS22



2x2 mosaic



## Suggested Applications



Floor



Wall



Residential



Light Commercial



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



Exterior



Pools

## Installation Suggestions

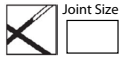


Plank Installation\*

\*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.



Modular Setting



Joint Size

EDGE:



Straight/Pressed



Rustic



Rectified

FINISH:



Matte



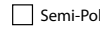
Polished



Structured



Honed



Semi-Polished



## Porcelain Type

☐ through-body

☐ color-bodied

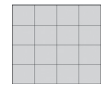
☒ glazed

☐ unglazed

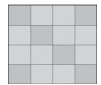
☐ double-loaded

☐ other \_\_\_\_\_

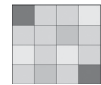
## Shade Variation



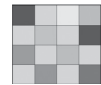
☐ V1  
Uniform  
Appearance



☒ V2  
Slight  
Variation



☐ V3  
Moderate  
Variation



☐ V4  
Substantial  
Variation

THICKNESS:  
8.5 mm

# OF FACES:

Roma Colors=12  
Bianco Vagli=12  
Quartzite Luna=18

## Slip Resistance

DCOF  
**>0.42**



Values

0.42

Applications

Recommended Standard DCOF value  
for wet/dry commercial flooring

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 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°

## Scratch Resistance

MOH'S SCALE  
UNI EN ISO  
10545.6

**5**

MINERAL

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

6. Microline (Glass, Glazed Tile)
7. Quartz (Unglazed Porcelain)
8. Topaz (Granite)
9. Corundum (Ruby)
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
- \*Wear can vary greatly. please consult with a professional.

## Stain Resistance

ASTM C1378-04  
UNI EN ISO  
10545.14

**3**

- 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



☒ 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

ASTM C648  
UNI EN ISO  
10545.4

**45N/MM2**



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

## Facial Dimension

ASTM C499-09  
UNI EN ISO  
10545.02

flatness

Standard  
±5mm

Tolerance  
±.5%

Result  
**PASS**

thickness

Standard  
±6mm

Tolerance  
±.5%

Result  
**PASS**

straightness

Standard  
±4.5mm

Tolerance  
±.5%

Result  
**PASS**

squareness

Standard  
±5.4mm

Tolerance  
±.6%

Result  
**PASS**

sides L/W

Standard  
±1.1mm  
±4.5mm

Tolerance  
±.5%

Result  
**PASS**

## Chemical Resistance

ASTM C650  
UNI EN ISO  
10545.13



Allowances for:

result

Acid **GA**

Bases **GA**

Chemicals **GA**

## Leed Information



REQUIREMENTS  
FOR COMMERCIAL  
INTERIORS/NEW  
CONSTRUCTION

### Sustainable Sites

Site selection

SS CREDIT 1

Heat Island Effect-non roof

Material with a solar reflectant index of at least 29.

1 Point

☒

### Energy & Atmosphere

EA CREDIT 4

Green Power: Products that optimize energy performance for floors and walls using thermal conductivity. BTU-FT

1 Point

☐

### Indoor Environmental Quality

Low-Emitting Materials-Flooring Systems

1 Point

IEQ CREDIT 3.1-7

Green Cleaning: Reducing occupants exposure to hazardous cleaning chemicals.

☐

IEQ CREDIT 4.1

Low Emitting Adhesives: Products less than 65 G/L VOC

☒

IEQ CREDIT 4.3

Low Emitting Materials: Flooring systems.

☐

### Materials & Resources

M&R CREDIT 2

Construction Waste Management: Recycling salvaged construction waste in to new reusable materials.

1 Point

☐

2 Points

☒

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%

☐

20%

☒

M&R CREDIT 5

Regional Materials: Materials manufactured within 500 miles of the project site.

10%

☐

20%

☒

### Innovation in Design

ID CREDIT 1

Innovation in Design

Measurable exemplary environmental performance.

1-5 Points

☒

Type:  
**Porcelain**

Product Line:  
**Lux**

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