

# VINTAGE

*porcelain series*



**CANCOS**  
TILE & STONE



*Vintage*

# CARRARA



ELEVICA12

-12x12-

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# NERO MARQUINA



ELEVINM12

-12x12-

## Suggested Applications



Floor



Wall



Residential



Light Commercial



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

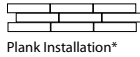


Exterior



Pools

## 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



Other

## 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:

# OF FACES:

## Slip Resistance

DCOF

>0.42



Values

0.42

0.65

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°)

ASTM C-1028

ANSI A137.1

DIN 51097/51130

## Scratch Resistance

MOH'S SCALE

UNI EN ISO

10545.6

7

MINERAL

1. Talc (Talc)

2. Gypsum (Fingernail)

3. Calcite (Penny)

4. Fluorite (Some Marbles)

5. Apatite (Knife Blade)

Industry standard  $\leq 175\text{mm}^2$

6. Microline (Glass, Glazed Tile)

7. Quartz (Unglazed Porcelain)

8. Topaz (Granite)

9. Corundum (Ruby)

10. Diamond (Diamond)

## 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

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



☒ Absorbs 0-.5%



☐ Absorbs .5-3%



☐ Absorbs 3-7%



☐ Absorbs 7% +

**Impervious**  
Interior/Exterior  
Frost Resistant

**Vitreous**  
Interior/Exterior  
Frost Resistant

**Semi-Vitreous**  
Indoor Use Only

**Non-Vitreous**  
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

flatness

Standard

$\pm 5\text{mm}$

Tolerance

$\pm .5\%$

Result

thickness

$\pm 6\text{mm}$

$\pm .5\%$

straightness

$\pm 4.5\text{mm}$

$\pm .5\%$

squareness

$\pm 5.4\text{mm}$

$\pm .6\%$

sides L/W

$\pm 1.1\text{mm}$

$\pm 4.5\text{mm}$

$\pm .5\%$

## Chemical Resistance

ASTM C650

UNI EN ISO

10545.13



Allowances for:

result

Acid

Bases

Chemicals

## 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

50%

☐

2 Points

70%

☐

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

1-5 Points

ID CREDIT 1

Innovation in Design

Measurable exemplary environmental performance.

☐

Type:  
Porcelain Stoneware

Product Line:  
Vintage

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