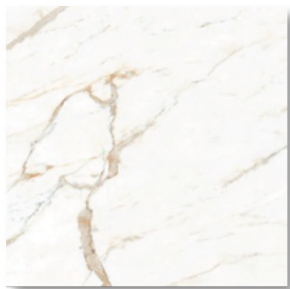


TILE AMERICA

FORTY8 COLLECTION



Calacatta Oro

PRODUCT DESCRIPTION

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FORTY8 COLLECTION is a collection of stunning porcelain tile in 24"x48" size 8mm thick, that will give floors and walls a seamless, clean, sophisticated feel.

Recommended Applications:

Ideally suited for commercial and residential settings such as hotel lobbies, restaurants, shopping malls, airports, schools, floors and walls.

Finishes/Textures:

- Thru-Color
- Honed / Polished
- Rectified

Sizes/Thickness:

24"x48"x 5/16" nominal *(8 mm)

**Denotes work size per ISO 10545-2.*

Recommended Grout Joint: 1/8" or greater.

All sizes modular with 1/8" grout joint if factory cut.

Grout joints of 1/8" inch or less, especially with larger format tiles or running bond patterns, may require floor flatness values in excess of the 1/4" in 10' (or 1/16" in 1.0') standard required by ANSI.

For patterns with running bond/brick joints, recommends a maximum of 33% offset.

TECHNICAL DATA

Physical – Visual Properties	ASTM TEST	Industry Standard	Stonepeak Results
Water absorption	C373	Impervious < 0.5%	≤ 0.1%
Thickness Dimension	C499	Range ± 0.04 Inc. Max.	≤ ± 0.04 Inc.
Facial Dimension	C499	± 0.25 %	≤ ± 0.25%
Wedging	C502	± 0.25 %	≤ ± 0.25%
Bond Strength	C482	≥ 150 psi	≥ 200 psi
Breaking Strength	C648	≥ 175 lbf	≥ 400 lbf
Hardness (Mohs)	Scratch Test (No regulated)	Range 0 - 10	≥ 7
Deep Abrasion Resistance	C1243	Impervious (Porcelain) Class P1: ≤ 175mm	≤ 175mm
Visible Abrasion Resistance for Glazed tiles	C1027	No Requirement, Range 0 - 5	Class 4
Frost Resistance	C1026	No sample must show alterations to surface	No evidence of Damage
Chemical Resistance	C650	No Requirement, Range E - A	Class A
Stain Resistance	C1378	No Requirement, Range E - A	Class A*
DCOF	BOT 3000	≥ 0.42*	≥ 0.42*
Aesthetic Classification	Visual Evaluation Shade & texture	No Requirement, Range V0 -V4	V2
LRV (Light Reflectance Value)	C609	No Requirement, Range 0-100	10 to 80 depending on style/color selection

* All values given are for matte or honed material. No values are given for polished material. Stonepeak does not recommend polished surfaces in areas subject to exposure from grease, oil or water.

INSTALLATION

Surface preparations:

All installation work using **TILE AMERICA'S** tiles will conform to the standards set forth in the latest version of ANSI A108/118 and/or the TCNA Handbook for Ceramic Tile installations.

All substrates should be between 40 degrees F and 90 degrees F and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds as per ANSI A108.01.

Deflection:

Substrate must conform to all state and local building code requirements and ANSI A108.01 for maximum allowable substrate deflection

Movement joints:

Movement joints shall be provided throughout the tile and work will conform to ANSI Specification A108.01-3.7; A108.02 – 4.4.and TCNA Details EJ171.

Installation or setting materials:

Setting materials used will conform to the ANSI 118.4 standard or greater and be recommended by the selected manufacturer for the installation & setting materials for ceramic or porcelain tile based on the application requirements.