



MANUFACTURER
Iris U.S.

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1. PRODUCT NAME

Carrara Select 2.0 Collection



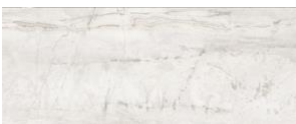
Calacatta Renoire



Carrara Onyx Grey



Romano White



Carrara Zebrino



Romano Greige



2. PRODUCT DESCRIPTION



(Green Choice includes pre-consumer recycled materials and post-consumer recycled materials)

Iris US proudly contains factory and products certifications:



Size/thickness:

24" x 48" x 5/16" nominal
12" x 24" x 5/16" nominal
4" x 12" x 5/16" nominal

Finishes:

Honed and Polished

Recommended Grout Joint: 3/32" or greater
All sizes modular with 3/16" grout joint (~5 mm)

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.

See ANSI A108.01 2.6.2.2

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

See ANSI A108.02 section 4.3.8

Note to Specifier: Click on color with Internet Connection to hyperlink directly to product color data at the Iris US website.

3. TECHNICAL DATA

| Physical – Visual Properties | ASTM TEST | Industry Standard | Iris US 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% |
| Warpage average diagonal | C485 | ±0.40 % | ≤ ± 0.40% |
| Warpage average edge | C485 | ±0.40 % | ≤ ± 0.40% |
| Wedging | C502 | ± 0.25 % | ≤ ± 0.25% |
| Bond Strength | C482 | ≥ 50 psi | ≥200psi |
| Breaking Strength | C648 | ≥250 lbf | ≥400lbf |
| Hardness (Mohs) | Scratch Test (No regulated) | Range 0 - 10 | ≥ 7 |
| Visible Abrasion Resistance for Glaze 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* | ≥0.55* |
| Aesthetic Classification | Visual Evaluation Shade & texture | No Requirement, Range V0 -V4 | V2 |

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

For level interior spaces to be walked upon when wet (see ANSI A137.1 section 6.2.2.1.10 – Section 9.6 for test procedure).

4. INSTALLATION

All installation work using Iris US 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.

Installation or setting materials:

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.

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.

5. WARRANTY

Iris US guarantees that its products will be free of manufacturing defects and they will meet or exceed the performance specifications set forth in ANSI 137.1.

6. MAINTENANCE

Care and Maintenance Recommendations Guide

Please refer to **Iris US Care and Maintenance Recommendations Guide** for all technical information as to the care of this collection.

7. TECHNICAL SERVICES

Technical Assistance

Guide Specifications, literature, MSDS, tile samples, details and installation procedures are all available for your use or libraries.

Please contact your nearest Iris US representative for catalogues, physical samples, or architectural binders.