



**MANUFACTURER**

**Iris U.S.**  
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**1. PRODUCT NAME**

**Marmi Collection**



**Crema Marfil**



**Crosscut Travertine**



**Daino Reale**



**Dark Emperador**



**Jura**

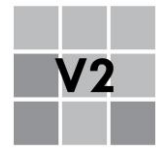


**Statuario Venato**



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

**2. PRODUCT DESCRIPTION**



**Size/thickness:**

- 12" x 24" x 5/16" nominal
- 18" x 18" x 5/16" nominal
- 12" x 12" x 5/16" nominal

**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**

### 3. TECHNICAL DATA

Physical Properties	ASTM Test	Industry Standards	Iris US Results
Water Absorption	C373	0.5% Maximum	≤ 0.1%
Thickness Dimension	C499	Range 0.04 Maximum	≤ 0.04
Facial Dimension	C499	±0.25%	≤ 0.25%
Warpage Average	C485	± 0.40% on any edge	≤ ± 0.40%
Warpage Average	C485	± 0.40% on diagonal	≤ ± 0.40%
Wedging Average	C502	± 0.25%	≤ ± 0.25%
Bond Strength	C482	50 psi or greater	> 200 psi
Deep Abrasion	C1243	≤175 mm <sup>3</sup>	<150 mm <sup>3</sup>
Hardness (Mohs)		No Requirement	≥ 7
Frost Resistance (Freeze/Thaw)	C1026	No sample must show alterations to surface	No cracking or spalling occurred
Chemical Resistance	C650	No Requirement	Class A
Breaking Strength	C648	250 lbf or greater	≥ 350 lbf
Coefficient of Friction (Static)	C1028	No requirement	≥ 0.80 Dry ≥ 0.60 Wet
Coefficient of Friction (Dynamic)	DCOF Acutest <sup>sm</sup> (wet)	≥ 0.42*	≥ 0.55

Data taken from representative colored body collection. Individual product testing can be conducted by request.

*Coefficient of Friction:* 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.