
RENAISSANCE

TILE
&
BATH

SPECIFICATIONS

Strata Porcelain

APPLICATIONS:

All porcelain collections are recommended for interior use only. This material is suited for vertical and horizontal applications such as backsplashes, walls, floors, shower walls, shower floors, etc.

PROPERTIES:

All porcelain tiles are subject to variation in shade and size.

INSTALLATION

It is important to select a qualified installer with experience installing the materials specified. All materials should be inspected and approved before installation. Installation constitutes acceptance of the product. For specific installation instructions, consult the *Handbook for Ceramic Tile Installation* from the Tile Council of North America, Inc.

To ensure satisfactory results, it is recommended that all materials be blended and laid out prior to installation.

CARE AND MAINTENANCE

Most general cleaning can be done with a non-abrasive cloth and a pH-balanced cleaner. Cleaning products containing chlorine and ammonia should be avoided, as they could etch the surface of the tile. For additional general cleaning questions, see maintenance specifications for further details.

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Intended use of materials:

Floor and wall tiles for interior use; wall tiles for exterior.



RENSTRABLANC1224
STRATA 12X24 BLANC PORCELAIN



RENSTRAGRIS1224
STRATA 12X24 GRIS PORCELAIN



RENSTRATALPA1224
STRATA 12X24 TALPA PORCELAIN

SIZE/THICKNESS:

12" x 24" x 5/16" nominal

FINISHES:

Honed

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

For patterns with running bond/brick joints patterns Renaissance Tile & Bath recommends a maximum of 33% offset.

See ANSI A108.02 section 4.3.8

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.

WARRANTY

Renaissance Tile & Bath 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.

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Physical Properties	ASTM Test	Industry Standards	US Results
Water Absorption	C373	Impervious <0.5%	≤ 0.1%
Thickness Dimension	C499	Range ±0.04in Max.	≤ ±0.04 in
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	≥ 200 psi
Breaking Strength	C648	≥ 250 lbf	≥ 400 lbf
Hardness (Mohs)	Scratch Test (No regulated)	Range 0 - 10	≥ 7
Visible Abrasion Resistance for Glaze Tile	C1027	No requirement Range 0 - 5	Class 4
Frost Resistance (Freeze/Thaw)	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*
Coefficient of Friction (Dynamic)	DCOF Acutest sm (wet)	≥ 0.42	≥ 0.50*
Aesthetic Classification	Visual Evaluation Shade & Texture	No Requirement Range V0 - V4	V2

MAINTENANCE:

For moderate soiling:

1. Sweep, using a soft, natural bristle broom or vacuum floor of debris.
2. Saturate the floor with the recommended amount of general purpose, neutral cleaner and agitate the solution. An auto-scrubber may be used.
3. Allow the solution to sit on the surface a minimum of five minutes to increase the suspension of the dirt particles and produce a cleaner surface.
4. Remove the dirty cleaning solution from the floor with either a wet vacuum or mop, and rinse with clean water.
5. Remove excess water from the floor. Buff with dry mop or towel.

For heavy soiling:

1. Sweep or vacuum floor of debris.
2. If there are deeply soiled areas or apparent staining on the surface of the tile, first attempt to identify and pre-treat them. Different surface contaminants require different cleaning methods and chemicals (see chart).
3. Scrub with a cleaning compound and floor machine equipped with an abrasive pad or stiff, natural bristle brush. For residential and small areas, use a scrub brush.
4. Remove the dirty cleaning solution with a wet vacuum and rinse the floor more than once to thoroughly remove the cleaning agent from the surface.
5. Remove excess water from the floor.