

SPECIFICATIONS

Highgrove 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, contact a Renaissance Tile & Bath design consultant for further information.

RENAISSANCE TILE & BATH

SPECIFICATIONS

Highgrove Porcelain

Banbury Black, Griffen Grey, & Waxen white

Intended use of materials: Floor and wall tiles for interior use; wall tiles for exterior.

PHYSICAL - VISUAL PROPERTIES	ASTM TEST	INDUSTRY STANDARD	RENAISSANCE TILE & BATH
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	≥ 200 psi
Breaking Strength	C648	≥250 lb.	≥ 400 lb.
Hardness (Mohs)	Scratch Test (Not regulated)	Range 0 - 10	≥ 7
Visible Abrasion Resistance for Glaze Tiles	C1027	No Requirement, Range 0 - 5	Class 3 -4 Depending by color
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	V3

* All values given for Honed material etc.

Size/Thickness: 12" x 24" 1/3" nominal *(8mm)

Recommended Grout Joint: 3/32" or greater

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