

RAGNO  USA

BARNWOOD™



BARNWOOD

live inspired

GLAZED PORCELAIN TILE | 3D PRINTING TECHNIQUE | MADE IN THE USA





GENUINE LOOK OF RECLAIMED WOOD

Ragno USA continues to push the limits of inkjet printing in its Barnwood 6"x24" planks. The series replicates wood that has withstood the elements so long the paint has broken down and taken on a unique warm patina all its own; cracks are evident, while some spots are smooth and devoid of paint; natural wood graining underscores the realistic appeal.

WEATHERED-TO- PERFECTION

The series is comprised of three weathered-to-perfection colors – Ash (natural), Barley (taupe), Pearl (gray) – plus Blend (mix), a random mixture of all three. Within each color there are ranges of layered shades, reminiscent of worn paint layers on an old barn. These neutrals are so adaptive. Floors, walls and even ceilings in wet interior and/or exterior vertical/horizontal areas can take on the test of time and exposure, and come out the winner.









6"x 24"



AM4H Ash
6"x24"



AM4J Barley
6"x24"



AM4K Pearl
6"x24"



AM4L Blend*
6"x24"

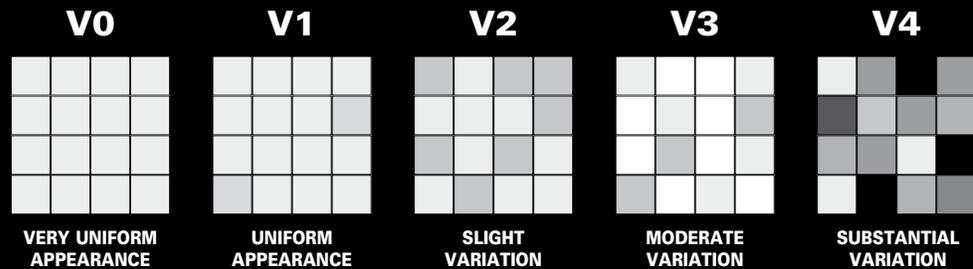
*Blend is a combination of Ash, Barley and Pearl
Colors are randomly packaged.

SHADE VARIATIONS

The color and shade of all tiles vary to some degree. This variance can be from piece to piece and can also occur from production run to production run.

American National Standard Specifications for Ceramic Tile (ANSI) has implemented a guide that rates ceramic tile on a five-point scale and ranges from V0 through V4.

Instituting the ANSI's color shade variation guidelines you will reduce customer complaints and sell the unique and individual beauty of each ceramic tile.



V0 Very Uniform Appearance

Pieces of the same shade value are very uniform and smooth in texture.

V1 Uniform Appearance

Differences among pieces from the same production run are minimal.

V2 Slight Variation

Clearly Distinguishable differences in texture and/or pattern within similar colors.

V3 Moderate Variation

While the colors and/or texture present on a single piece of tile will be indicative of the colors and/or texture to be expected on the other tiles, the amount of colors and/or texture on each piece may vary significantly. It is recommended that the range be viewed before selection.

V4 Substantial Variation

Random color and/or texture differences from tile to tile, so that one tile may have totally different colors and/or texture from that on other tiles. Thus, the final installation will be unique. It is recommended that the range be viewed before selection.

SHADE VARIATION AND APPLICATIONS

|  V4 SUBSTANTIAL VARIATION | Residential | Commercial | Industrial |
|---|-------------|------------|------------|
| | Floor | • | • |
| Wall | • | • | • |
| Countertop | | | |

Water, oil, grease, or other fluids create slippery conditions. Floors with exposure to these conditions require extra caution in product selection and proper maintenance.

CARE & MAINTENANCE

Barnwood™ is a stain-resistant porcelain tile. Routine maintenance will keep your tile looking new for years to come.

Ragno USA's products are typically easy to install and maintain using the following general guidelines:

- Choose tile from same dye lot and caliber whenever possible
- Select tile alternately from several boxes and rotate when installing
- Follow industry-accepted installation practices as detailed by Tile Council of America "Handbook for Ceramic Tile Installation" or those recommended by the Ceramic Tile Institute of America
- Remove all grout residue promptly after application; neither acid cleaning nor sealing is recommended
- Clean regularly with clear water and/or a neutral (soapless) cleaner, wipe dry to lessen slippery conditions

TECHNICAL SPECIFICATIONS

| DESCRIPTION | ANSI STANDARD | RESULT | ASTM TEST METHOD |
|--|----------------------------|-------------------|-----------------------------|
| Water Absorption | ≤ 0.50% | ≤ 0.50% | C373 |
| Frost Resistance | As Reported | Resistant | C1026 |
| Scratch Resistance | MOHS 1-10 | 7 | MOHS SCALE |
| Breaking Strength | ≥ 250 lbf. | ≥ 420 lbf. | C648 |
| Facial Dimension | +/- 3.0 % from Nominal | Within Standard | C499 |
| Thickness | ≤ 0.04 in (1.02 mm max) | Within Standard | C499 |
| Wedging (Squareness) | +/- 0.50 % or +/- 2.0 mm** | Within Standard | C502 |
| Warpage (Flatness) | +/- 0.75 % or +/- 2.3 mm** | Within Standard | C485 |
| Abrasion Resistance | Class 0 - Class V | Class IV | C1027 |
| DCOF - Dynamic Coefficient of Friction (Wet Areas Only) [†] | As Reported | Minimum 0.42 | DCOF AcuTest ^{SM*} |
| SCOF-Static Coefficient of Friction (Wet) | As Reported | 0.60 ≤ COF < 0.70 | C1028 |
| SCOF-Static Coefficient of Friction (Dry) | As Reported | 0.70 ≤ COF < 0.80 | C1028 |
| Chemical Resistance | Class A - Class E | Class A | C650 |
| Stain Resistance | Class A - Class E | Class A | C1378 |

[†]Dynamic Coefficient of Friction (DCOF) - Water, oil, grease or other fluids create slippery conditions. When installing floors in areas with exposure to these conditions, a minimum D.C.O.F. value of 0.42 is required. Additionally, extra caution is required with regards to product selection and proper maintenance. Visit www.tcnatile.com for complete information regarding the DCOF Acutest test method and values.

*DCOF AcuTest is the industry designation for the test procedure contained in ANSI A137.1 Section 9.6, which has been extensively researched, allows for in-situ field measurements, and is in use at tile manufacturing facilities. It was so named to distinguish it from other DCOF measurements using different instruments and/or protocols.

** Whichever is less

PACKAGING

| | SIZE | THICKNESS | BOX | | | PALLET | | |
|------------|---------|-----------|-----|--------|-------|--------|--------|---------|
| | | | PCS | SQ. FT | LBS | BOXES | SQ. FT | LBS |
| Floor Tile | 6"x 24" | 5/16" | 15 | 14.53 | 58.00 | 27 | 392.31 | 1564.00 |



Floor Tile



Wall Tile



3d Printing Technique



Suitable for Outdoors



Substantial Variation



Frost Resistant



Abrasion Resistance



D.C.O.F. (Wet Areas) (Minimum 0.42)



S.C.O.F. (Wet) (Valid Through 12-31-2013)



S.C.O.F. (Dry) (Valid Through 12-31-2013)



21% Minimum Pre-Consumer Recycled Content



No VOC

made in the
USA



Contributes to
LEED Credits



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