

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"

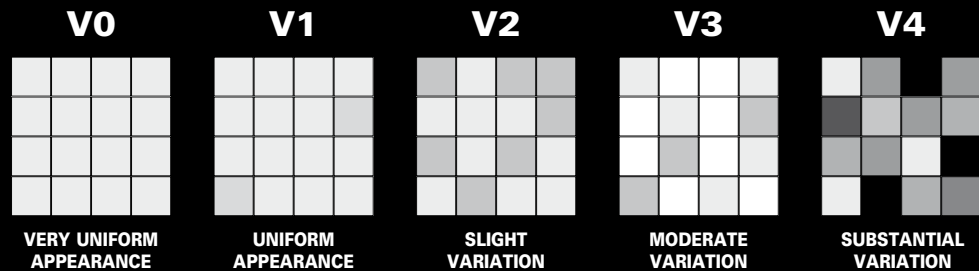
\*Blend is a combination of Ash, Barley and Pearl  
Colors are randomly packaged.

## 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

 <b>V4</b> 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) <sup>†</sup>	As Reported	Minimum 0.42	DCOF AcuTest <sup>SM*</sup>
Chemical Resistance	Class A - Class E	Class A	C650
Stain Resistance	Class A - Class E	Class A	C1378

<sup>†</sup>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](http://www.tcnatile.com) for complete information regarding the DCOF Acutest test method and values.

<sup>\*</sup>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.

<sup>\*\*</sup> 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)



21% Minimum Pre-Consumer Recycled Content



No VOC

made in the  
**USA**



Contributes to  
**LEED Credits**



**RAGNO**  USA

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