

MADE IN THE USA



KASHMERE

3D PRINTING TECHNIQUE
GLAZED PORCELAIN STONEWARE





An exotic collage of colors and textures characterize Kashmere

Three widely-ranged colors, loosely defined as beige, white and walnut, are achieved using Ragno's state-of-the-art printing technique, uses the latest in digital print technology, allowing for infinite design capabilities unique to Ragno. Ragno is the only manufacturer in the US that can do digital print up to 360 dpi, direct to tile. At this maximum resolution and with the unique grayscale printing technique, Ragno reaches finer, crisper and smoother definition for printed designs than other digital products. A stunning palette of more than 100 square feet with no repetition, at maximum resolution.











Strong focal points are easily achieved with Kashmere's bold combination of textures and shadings.

The juxtaposition of large and small square sizes, with the striking 2"x4" brick mosaic, creates intriguing design transitions for exterior floors, walls, pools and facades. In addition to common and not-so-common indoor applications; think of tiled ceilings, columns and arches, stairways and window seats, as well as traditional walls, floors and countertops.

Manufactured in the USA using 21% pre-consumer recycled materials makes this residentially/commercially rated line not only beautiful and impact resistant but also environmentally friendly and fully capable of contributing to LEED credits.

KASHMERE

3D PRINTING TECHNIQUE
GLAZED PORCELAIN STONEWARE
20"x 20"
13"x 13"
6 1/2"x 6 1/2"



AK2D Kashmere BG
20"x20"



AK2G Kashmere BG
6 1/2"x6 1/2"



AK2A Kashmere BG
13"x13"



AK2E Kashmere BI
20"x20"



AK2H Kashmere BI
6 1/2"x6 1/2"



AK2B Kashmere BI
13"x13"



AK2R Kashmere BG
Mosaic - Brick 2"x4"
13"x13"



AK2S Kashmere BI
Mosaic - Brick 2"x4"
13"x13"

KASHMERE

3D PRINTING TECHNIQUE
GLAZED PORCELAIN STONEWARE
20"x 20"
13"x 13"
6 1/2"x 6 1/2"



Decorative Options
Glass Mosaic face mounted on paper sheets



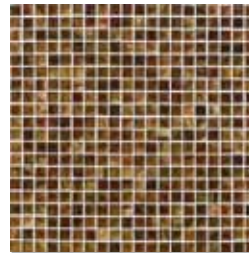
AK2F Kashmere NO
20"x20"



AK2J Kashmere NO
6 1/2"x6 1/2"



AK2C Kashmere NO
13"x13"



UJ95 Samba
Mosaic - Square 5/8"x5/8"
13"x13"



UJAB Samba
Mosaic - Brick 1 1/4"x5/8"
13"x13"



AK2T Kashmere NO
Mosaic - Brick 2"x4"
13"x13"

TRIMS

BULLNOSE



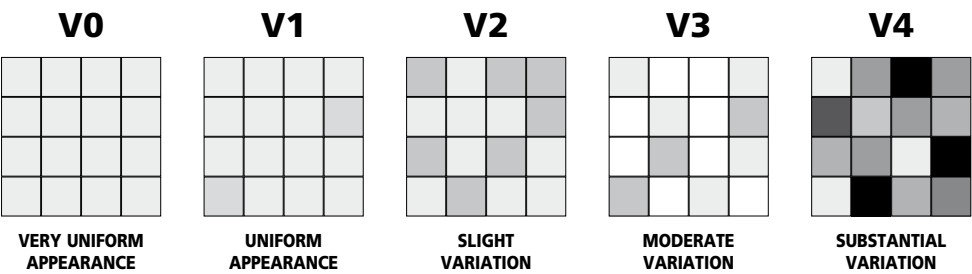
AK2N Kashmere BG
AK2P Kashmere BI
AK2Q Kashmere NO
3"x13"

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

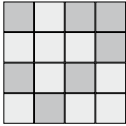
Clearly Distinguishable differences in texture and/or pattern within similar colors.

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				
V2  SLIGHT VARIATION		Residential	Commercial	Industrial
	Floor	•	•	
	Wall	•	•	•
	Countertop	•	•	•
	Pool	•	•	•

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

Kashmere 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	20"x20"	≥ 250 lbf.	≥ 583 lbf.	C648
	13"x13"	≥ 250 lbf.	≥ 411 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	
C.O.F. (Wet)	As Reported	0.60 ≤ COF < 0.70	C1028	
C.O.F. (Dry)	As Reported	0.80 ≤ COF < 0.90	C1028	
Chemical Resistance	Class A - Class E	Class A	C650	
Stain Resistance	Class A - Class E	Class A	C1378	

* Whichever is less

PACKAGING

	SIZE	THICKNESS	BOX			PALLET		
			PCS	SQ FT	LBS	BOXES	SQ FT	LBS
Modular Tile	6 1/2"x6 1/2"	5/16"	36	10.55	42.00	51	538.05	2142.00
Modular Tile	13"x13"	5/16"	13	15.52	58.00	44	682.88	2552.00
Field Tile	20"x20"	7/16"	06	16.15	84.00	24	387.60	2016.00
Mosaic - Brick 2"x4"	13"x13"	Compatible	10		45.00			
Mosaic - Square 5/8"x5/8"	13"x13"	Compatible	10		29.00			
Mosaic - Square 1 1/4"x5/8"	13"x13"	Compatible	10		29.00			
Bullnose	3"x13"	Compatible	20		21.00			



Field Tile



Wall Tile



3d Printing Technique



Decorative Tile



Trim Available



Suitable for Outdoor



Slight Variation



Frost Resistant



Meets ADA Recommendations



Abrasion Resistance



C.O.F. (Wet)



C.O.F. (Dry)



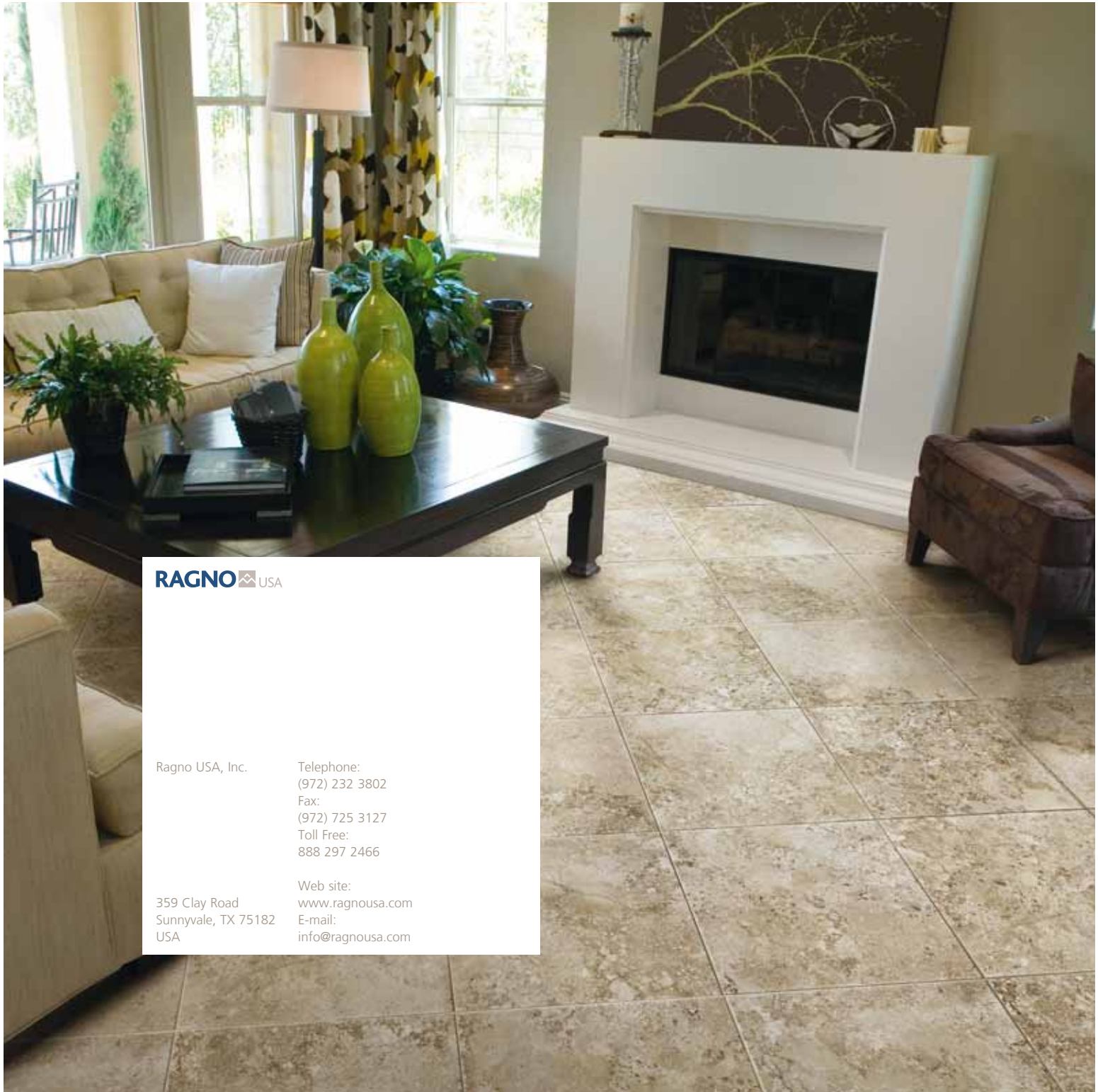
21% Minimum Pre-Consumer Recycled Content



Certified No VOC



Contributes to LEED Credits



RAGNO  USA

Ragno USA, Inc.

Telephone:
(972) 232 3802
Fax:
(972) 725 3127
Toll Free:
888 297 2466

359 Clay Road
Sunnyvale, TX 75182
USA

Web site:
www.ragnousa.com
E-mail:
info@ragnousa.com