

CALABRIA



live inspired





CALABRIA showcases the regal shading and clefting of natural slate

CALABRIA showcases the regal shading and clefting of natural slate in large-format, glazed porcelain stoneware. So enticing are the three-dimensional textures and crevices on its structured surface that the impulse to touch is overwhelming. Rich color combinations and muddled effects create myriad distinct faces on each color in the series.



CALABRIA is brought to life using Ragno's state-of-the-art 3d printing technique, using 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.









20" x 20"
 13" x 13"
 12" x 24"
 6 1/2" x 6 1/2"



AK3Q Calabria BR
 12" x 24"



AK3M Calabria BR
 20" x 20"



AK3T Calabria BR
 6 1/2" x 6 1/2"



AK3J Calabria BR
 13" x 13"



AK3R Calabria BL
 12" x 24"



AK3N Calabria BL
 20" x 20"



AK3U Calabria BL
 6 1/2" x 6 1/2"



AK3K Calabria BL
 13" x 13"



AK3Z Calabria BR
 Mosaic - Square 2" x 2"
 13" x 13"



AK34 Calabria BR
 Brick Liner
 13" x 13"

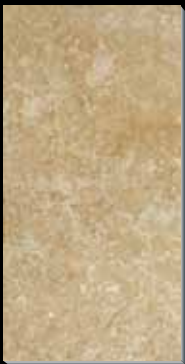


AK32 Calabria BL
 Mosaic - Square 2" x 2"
 13" x 13"



AK35 Calabria BL
 Brick Liner
 13" x 13"

20" x 20"
 13" x 13"
 12" x 24"
 6 1/2" x 6 1/2"



AK35 Calabria BI
 12" x 24"



AK3P Calabria BI
 20" x 20"



AK3V Calabria BI
 6 1/2" x 6 1/2"



AK3L Calabria BI
 13" x 13"



AK33 Calabria BI
 Mosaic - Square 2" x 2"
 13" x 13"



AK36 Calabria BI
 Brick Liner
 13" x 13"

TRIMS



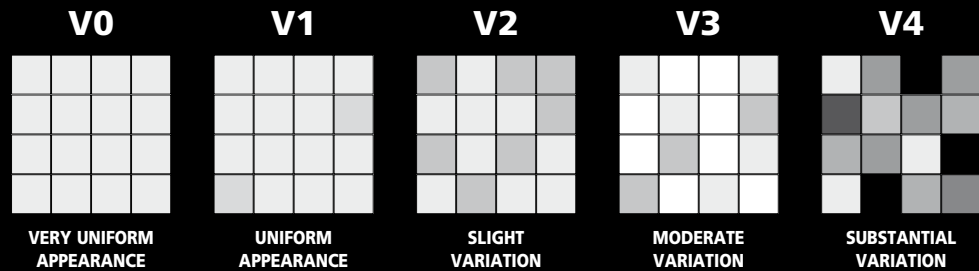
AK3W Calabria BR Bullnose
AK3X Calabria BL Bullnose
AK3Y Calabria BI Bullnose
 3" x 13"

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

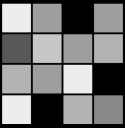
Clearly Distinguishable differences in texture and/or pattern within similar colors.

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		•	•	•
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

Calabria 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	8	MOHS SCALE	
Breaking Strength	20"x20"	≥ 250 lbf.	≥ 605 lbf.	C648
	12"x24"	≥ 250 lbf.	≥ 735 lbf.	C648
	13"x13"	≥ 250 lbf.	≥ 407 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	
Warp (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	0.70 ≤ COF < 0.80	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	13"x13"	5/16"	13	15.52	58.00	44	682.88	2552.00
Modular Tile	6 1/2"x6 1/2"	5/16"	36	10.55	42.00	51	538.05	2142.00
Floor Tile	12"x24"	7/16"	05	9.69	55.00	40	387.60	2200.00
Floor Tile	20"x20"	7/16"	06	16.15	84.00	24	387.60	2016.00
Mosaic Square - 2"x2"	13"x13"	Compatible	10		39.00			
Brick Liner	13"x13"	Compatible	09		46.00			
Bullnose	3"x13"	Compatible	20		21.00			

* Trim is available in all colors and made to complement Modular and Floor Tile.



Floor Tile



Wall Tile



Modular Tile



3d Printing Technique



Decorative Tile



Trim Available



Suitable for Outdoors



Substantial Variation



Frost Resistant



Meets ADA Recommendations



Abrasion Resistance



C.O.F. (Wet)



C.O.F. (Dry)



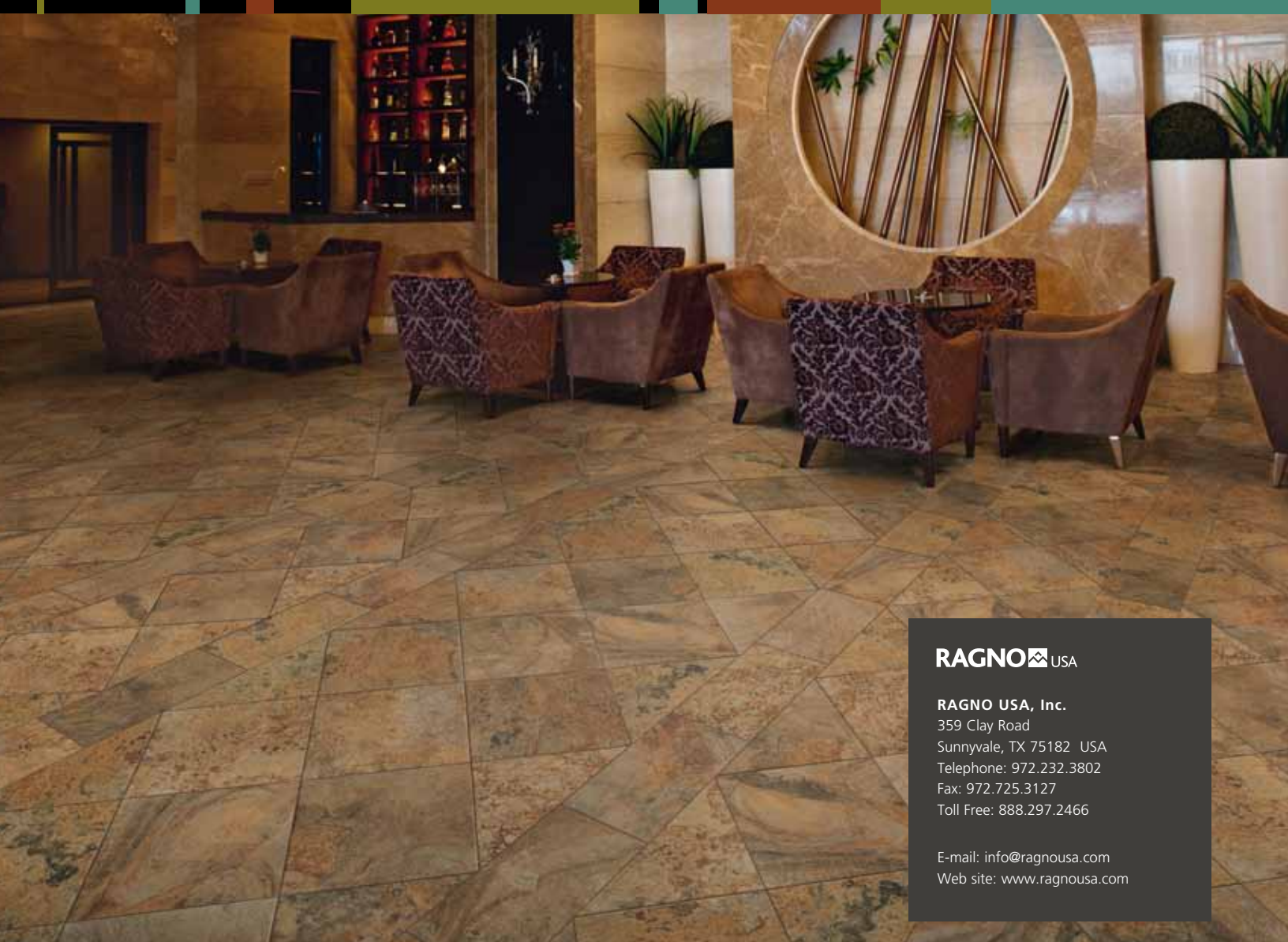
21% Minimum Pre-Consumer Recycled Content



Certified No VOC



Contributes to LEED Credits



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