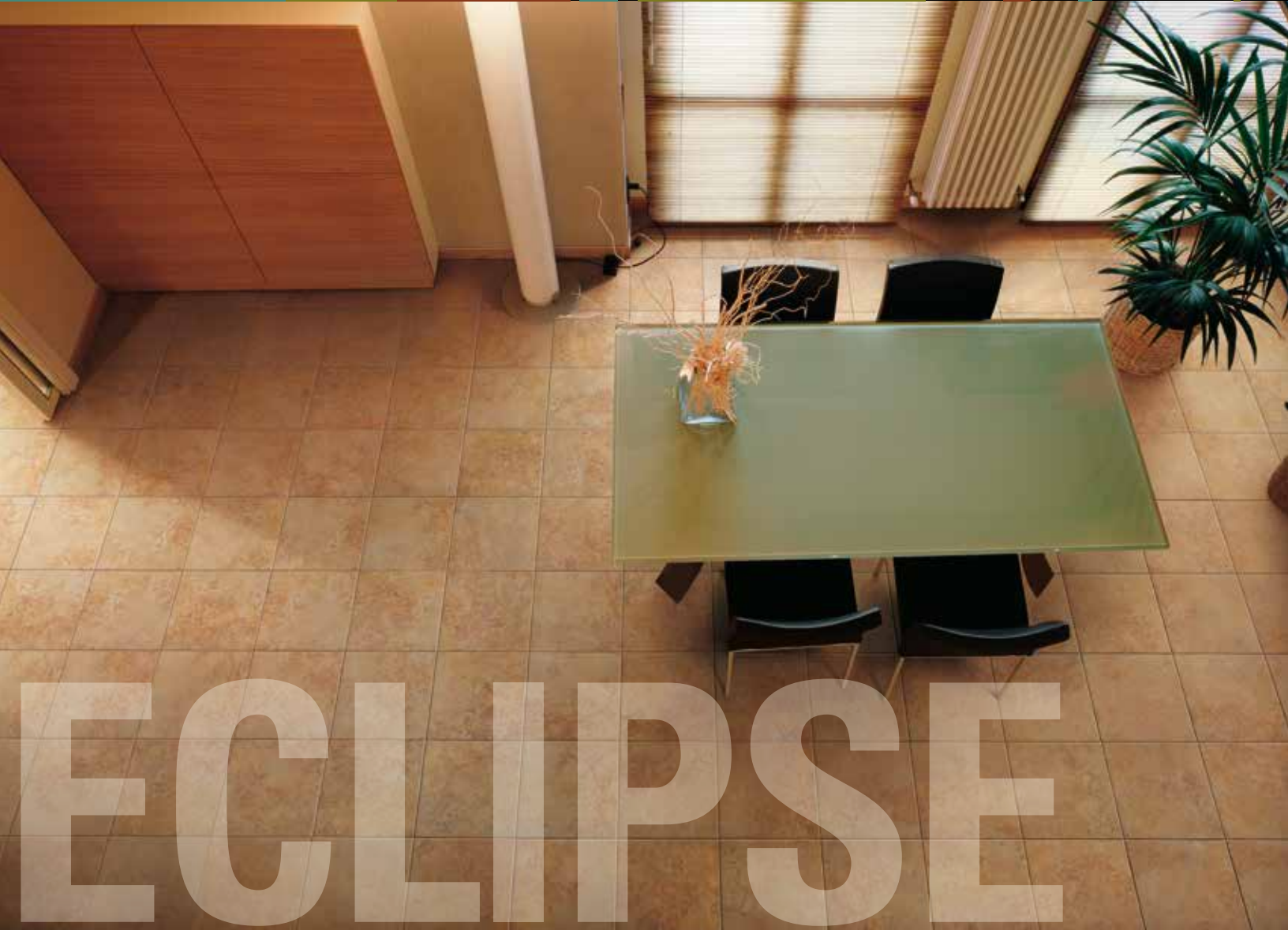
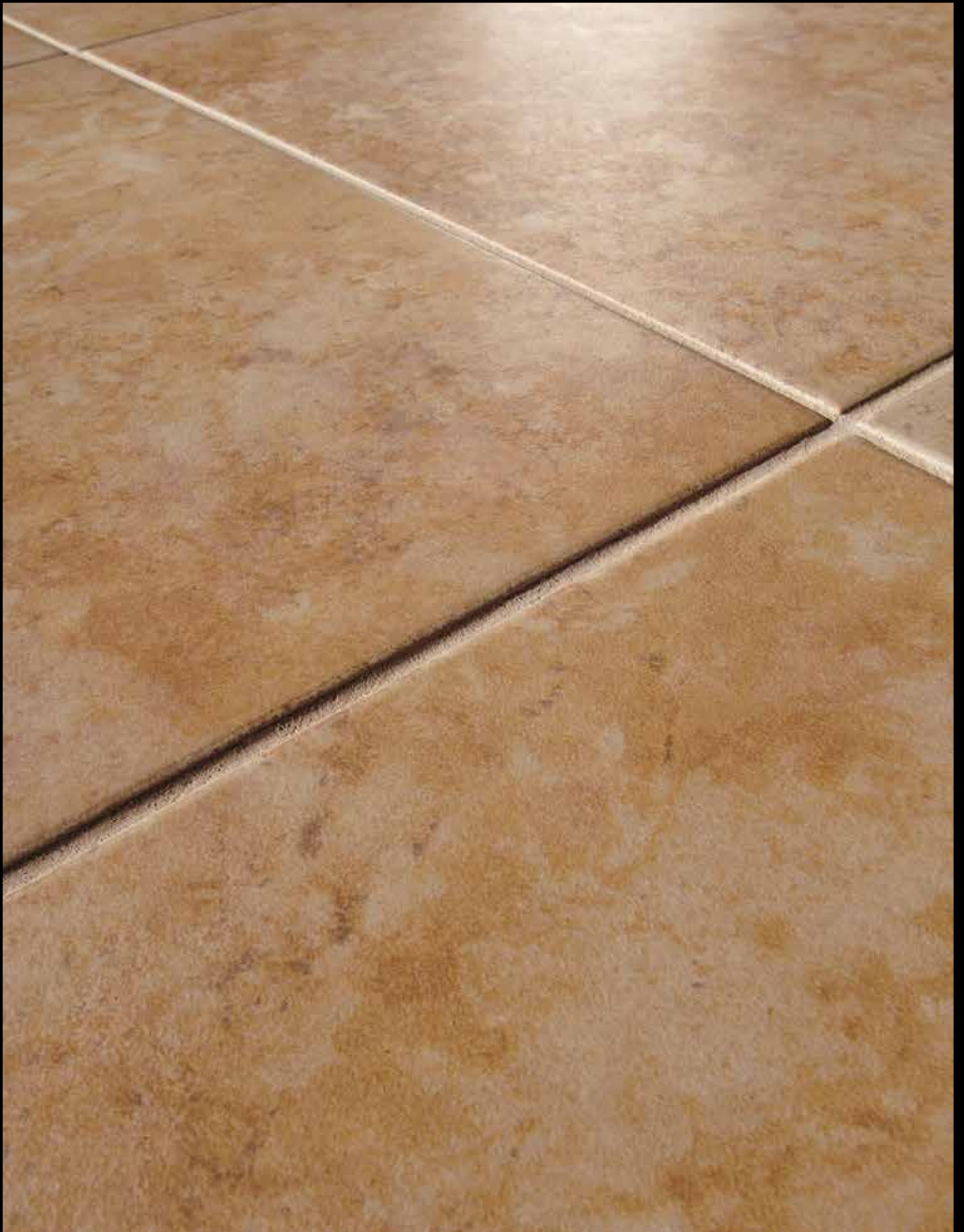


ECLIPSE



live inspired



ECLIPSE

ECLIPSE is a porcelain tile that re-creates the appeal and appearance of the real stone combined with new, outstanding technical properties. It complies with high quality standards in frost-resistance and hardness together with an exceptional resistance to abrasion and all types of wear.

The product lends itself to installing in private areas and responds with versatility to new interpretations: the large size and special surface finish suggest new architectures where matter plays on volume.



ECLIPSE | GLAZED PORCELAIN TILE

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



R674 Moon Light BI
20" x 20"
R687 Moon Light BI
13" x 13"
R692 Moon Light BI
6 1/2" x 6 1/2"



R676 Desert Shade BG
20" x 20"
R689 Desert Shade BG
13" x 13"
R694 Desert Shade BG
6 1/2" x 6 1/2"



R686 Solar Coat GI
20" x 20"
R691 Solar Coat GI
13" x 13"
R696 Solar Coat GI
6 1/2" x 6 1/2"



R677 Forest Light NO
20" x 20"
R690 Forest Light NO
13" x 13"
R695 Forest Light NO
6 1/2" x 6 1/2"



R675 Flaming Sun RS
20" x 20"
R688 Flaming Sun RS
13" x 13"
R693 Flaming Sun RS
6 1/2" x 6 1/2"



RE01 Garden Shade VE
20" x 20"
RD99 Garden Shade VE
13" x 13"
RE00 Garden Shade VE
6 1/2" x 6 1/2"



AF2H Moon Light BI
Mosaic - Square 2" x 2"
13" x 13"



AF2K Desert Shade BG
Mosaic - Square 2" x 2"
13" x 13"



AF2M Solar Coat GI
Mosaic - Square 2" x 2"
13" x 13"



AF2L Forest Light NO
Mosaic - Square 2" x 2"
13" x 13"



AF2J Flaming Sun RS
Mosaic - Square 2" x 2"
13" x 13"



AF2N Garden Shade VE
Mosaic - Square 2" x 2"
13" x 13"

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

TRIMS



AH3K Moon Light BI Cove Base
AH3M Desert Shade BG Cove Base
AH3N Forest Light NO Cove Base
AH3P Solar Coat GI Cove Base
AH3L Flaming Sun RS Cove Base
AH3Q Garden Shade VE Cove Base
 6" x 8"



AH3R Moon Light BI Cove Base In Angle
AH3T Desert Shade BG Cove Base In Angle
AH3U Forest Light NO Cove Base In Angle
AH3V Solar Coat GI Cove Base In Angle
AH3S Flaming Sun RS Cove Base In Angle
AH3W Garden Shade VE Cove Base In Angle
 1" x 6"



AH3X Moon Light BI Cove Base Out Angle
AH3Z Desert Shade BG Cove Base Out Angle
AH32 Forest Light NO Cove Base Out Angle
AH33 Solar Coat GI Cove Base Out Angle
AH3Y Flaming Sun RS Cove Base Out Angle
AH34 Garden Shade VE Cove Base Out Angle
 1" x 6"



R811 Flash BI Bullnose
R812 Flash RS Bullnose
R813 Flash BG Bullnose
R814 Flash NO Bullnose
R815 Flash GI Bullnose
 3" x 13"
 SINGLE FIRED



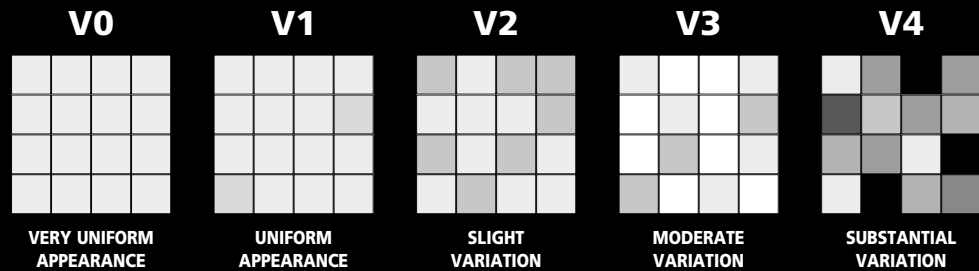
R658 Flash BI Bullnose
R659 Flash RS Bullnose
R660 Flash BG Bullnose
R661 Flash NO Bullnose
R662 Flash GI Bullnose
A364 Flash VE Bullnose
 3" x 13"
 GLAZED PORCELAIN

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

Eclipse 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	6	MOHS SCALE
Breaking Strength	20" x 20"	≥ 250 lbf.	≥ 600 lbf.
	13" x 13"	≥ 250 lbf.	≥ 450 lbf.
Facial Dimension	- 3.0 % ≤ Nominal ≤ 3.0 %	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) ¹	As Reported	Minimum 0.42	DCOF AcuTest SM *
SCOF-Static Coefficient of Friction (Wet)	As Reported	0.60 ≤ SCOF < 0.70	C1028
SCOF-Static Coefficient of Friction (Dry)	As Reported	0.60 ≤ SCOF < 0.70	C1028
Chemical Resistance	Class A - Class E	Class A	C650
Stain Resistance	Class A - Class E	Class A	C1378

¹Dynamic 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
Modular Tile	6 ¹ / ₂ " x 6 ¹ / ₂ "	5/16"	36	10.55	42.00	51	538.05	2142.00
Modular Tile	13" x 13"	5/16"	13	15.52	62.00	44	682.88	2728.00
Floor Tile	20" x 20"	7/16"	06	16.15	79.00	24	387.60	1896.00
Mosaic-Square 2" x 2"	13" x 13"	Compatible	10		39.00			
Cove Base	6" x 13"	Compatible	24		26.00			
Cove Base In Angle	1" x 6"	Compatible	06		2.00			
Cove Base Out Angle	1" x 6"	Compatible	06		2.00			
Bullnose (Single Fired)*	3" x 13"	Compatible	50		52.00			
Bullnose (Glazed Porcelain)*	3" x 13"	Compatible	20		23.00			

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



Floor Tile



Wall Tile



Modular Tile



Decorative Tile



Trim Available



Suitable for Outdoors



Moderate 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)



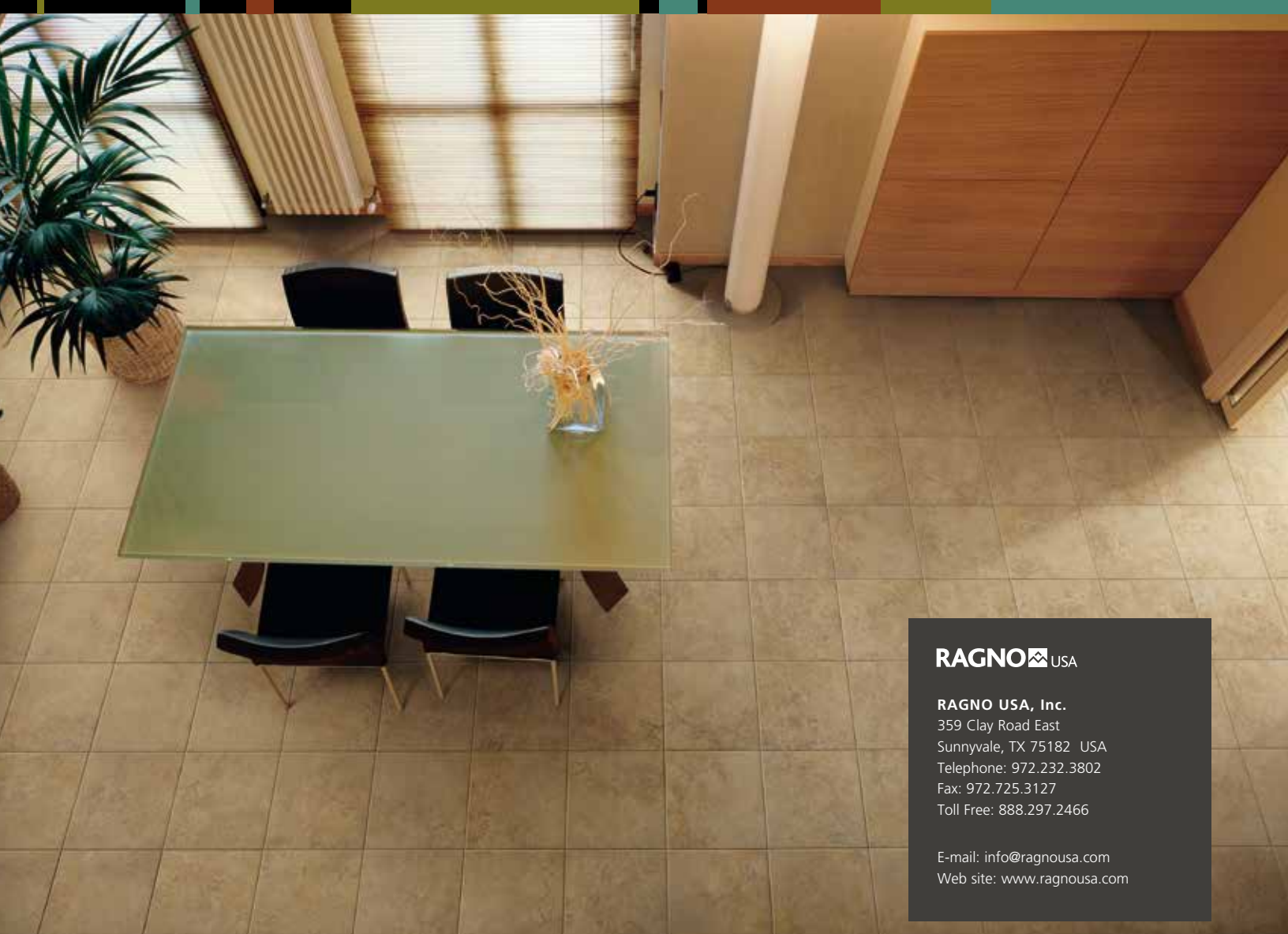
21% Minimum
Pre-Consumer
Recycled Content



No VOC



Contributes to
LEED Credits



RAGNO  USA

RAGNO USA, Inc.

359 Clay Road East
Sunnyvale, TX 75182 USA
Telephone: 972.232.3802
Fax: 972.725.3127
Toll Free: 888.297.2466

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

live inspired

