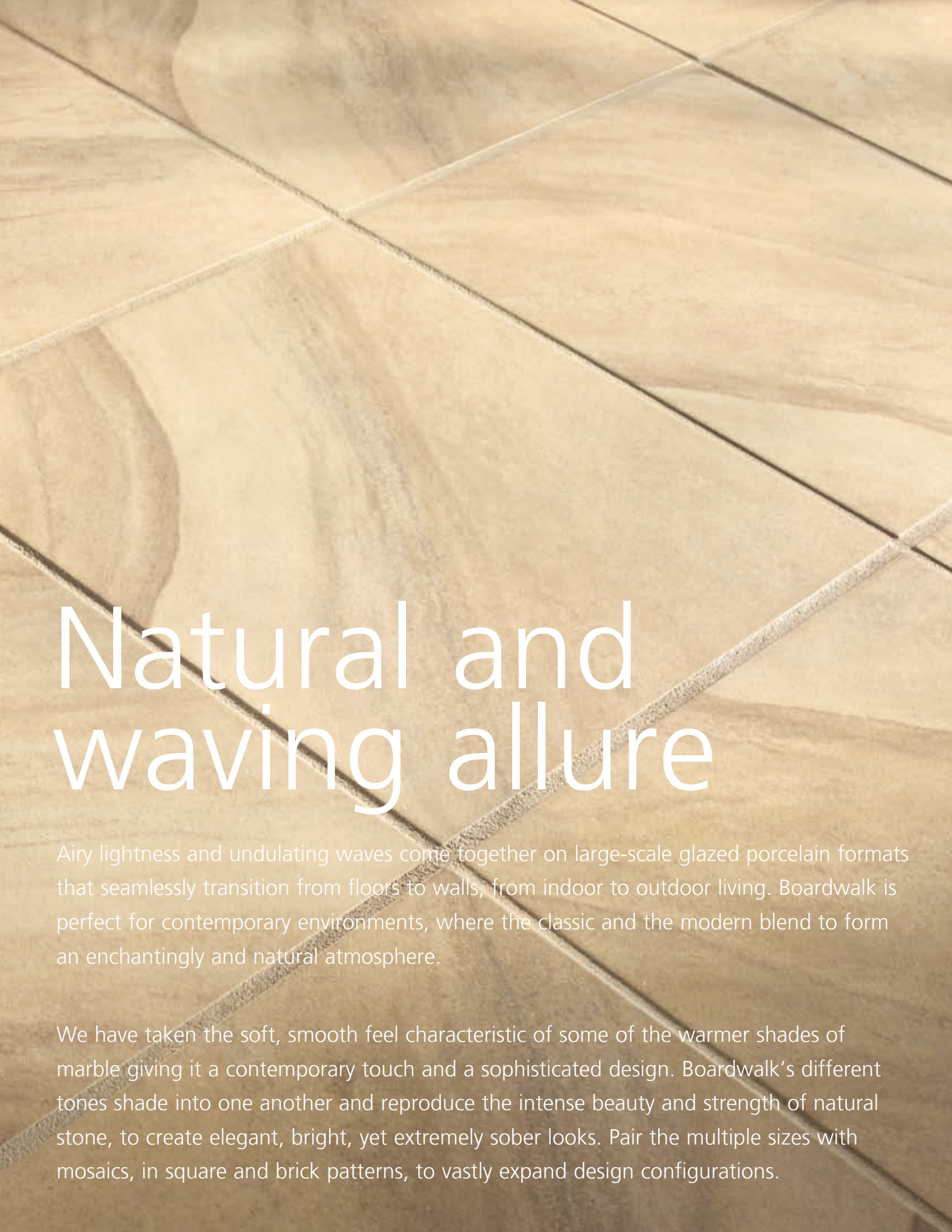


MADE IN THE USA



BOARDWALK
GLAZED PORCELAIN STONEWARE





Natural and waving allure

Airy lightness and undulating waves come together on large-scale glazed porcelain formats that seamlessly transition from floors to walls, from indoor to outdoor living. Boardwalk is perfect for contemporary environments, where the classic and the modern blend to form an enchantingly and natural atmosphere.

We have taken the soft, smooth feel characteristic of some of the warmer shades of marble giving it a contemporary touch and a sophisticated design. Boardwalk's different tones shade into one another and reproduce the intense beauty and strength of natural stone, to create elegant, bright, yet extremely sober looks. Pair the multiple sizes with mosaics, in square and brick patterns, to vastly expand design configurations.





Boardwalk GR





Boardwalk BG





Boardwalk BG

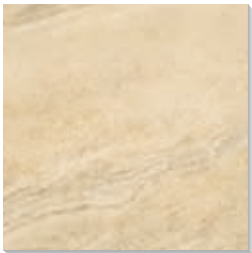




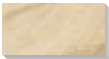
BOARDWALK
 GLAZED PORCELAIN STONEWARE
 20"x 20"
 13"x 13"
 3 1/4"x 6 1/2"



AJ4B Boardwalk BG
 20"x20"



AJ38 Boardwalk BG
 13"x13"



AJ4Y Boardwalk BG
 3 1/4"x6 1/2"



AJ4C Boardwalk GR
 20"x20"



AJ39 Boardwalk GR
 13"x13"



AJ4Z Boardwalk GR
 3 1/4"x6 1/2"



AJ53 Boardwalk BG
 Mosaic - Square 2"x2"
 13"x13"



AJ56 Boardwalk BG
 Mosaic - Brick 1"x4 1/4"
 13"x13"



AJ54 Boardwalk GR
 Mosaic - Square 2"x2"
 13"x13"

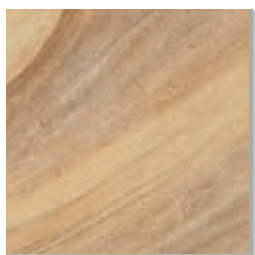


AJ57 Boardwalk GR
 Mosaic - Brick 1"x4 1/4"
 13"x13"

BOARDWALK
GLAZED PORCELAIN STONEWARE
20"x 20"
13"x 13"
3 1/4"x 6 1/2"



AJ4D Boardwalk MC
20"x20"



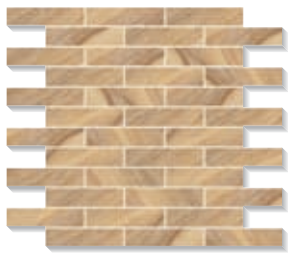
AJ4A Boardwalk MC
13"x13"



AJ52 Boardwalk MC
3 1/4"x6 1/2"



AJ55 Boardwalk MC
Mosaic - Square 2"x2"
13"x13"



AJ58 Boardwalk MC
Mosaic - Brick 1"x4 1/4"
13"x13"

Decorative Options
Glass Mosaic face mounted on paper sheets



UJ99 Jive
Mosaic - Square 5/8"x5/8"
13"x13"



UJAF Jive
Mosaic - Brick 1 1/4"x5/8"
13"x13"

TRIMS

BULLNOSE



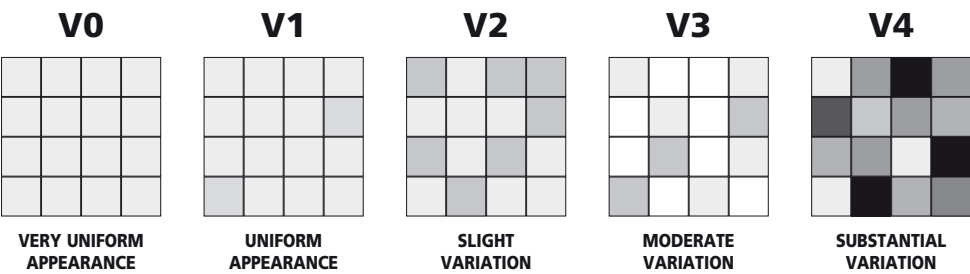
AJ4L Boardwalk BG
AJ4M Boardwalk GR
AJ4N Boardwalk MC
3"x13"

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				
<div>V4</div> <div></div> <div>SUBSTANTIAL VARIATION</div>		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

Boardwalk 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.	≥ 598 lbf.	C648
	13"x13"	≥ 250 lbf.	≥ 414 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	0.70 ≤ COF < 0.80	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
Field Tile	20"x20"	7/16"	06	16.15	84.00	24	387.60	2016.00
Field Tile	13"x13"	5/16"	13	15.52	58.00	44	682.88	2552.00
Field Tile	3 1/4"x6 1/2"	5/16"	72	10.55	42.00	51	538.05	2142.00
Mosaic Square - 2"x2"	13"x13"	Compatible	10		39.00			
Mosaic Brick - 1"x4 1/4"	13"x13"	Compatible	10		39.00			
Mosaic Brick - 5/8"x5/8"	13"x13"	Compatible	10		29.00			
Mosaic Brick - 1 1/4"x5/8"	13"x13"	Compatible	10		29.00			
Bullnose	3"x13"	Compatible	20		21.00			



Field Tile



Wall Tile



Abrasion Resistance



C.O.F. (Wet)



C.O.F. (Dry)



Suitable for Outdoor



Decorative Tile



Substantial Variation



21% Minimum Pre-Consumer Recycled Content



Certified No VOC



Trim Available



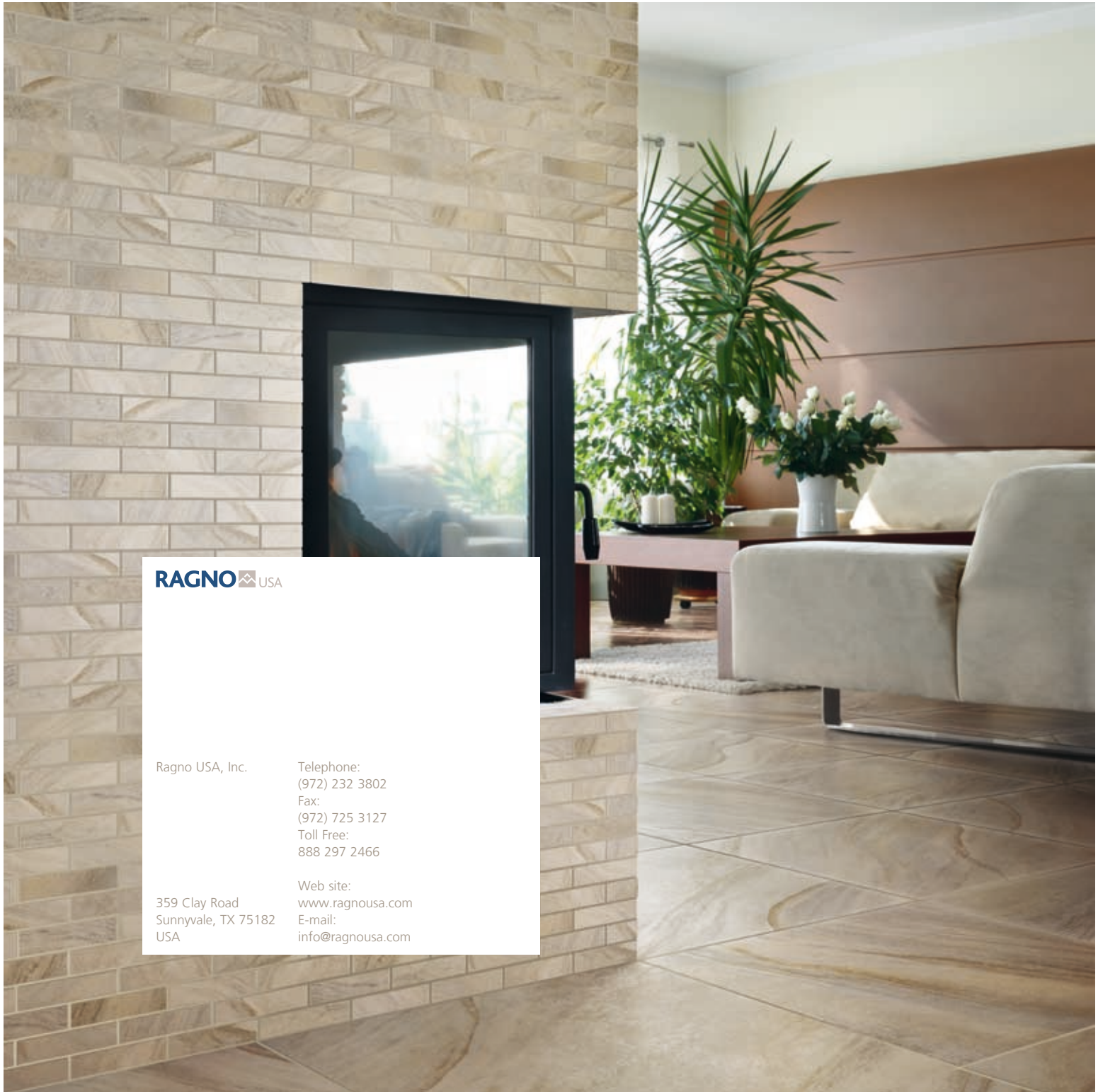
Frost Resistant



Meets ADA Recommendations



Contributes to LEED Credits



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