

RAGNO  USA

CRYSTAL STONE



CRYSTAL

live inspired

MESH MOUNTED GLASS/STONE MOSAICS





REFLECTION and Personality

Crystal Stone combines different materials in a unique way: glass and natural stone are mixed together to offer a shadowing and rich surface that fits both wall and floor coverings. The vibrant colours of Crystal Stone mosaics create undulated yet compact surfaces, geometric modules are the experimental basis for a continuous development, a game of joints for new temptations enriched by the reflection of glass and the depth of stone: the classic style goes through a contemporary style to create atmospheres of informal immediacy.

MIXED COLORS AND TEXTURES

Make Way For Creativity

Crystal Stone mosaics are compositions of stone and glass fragments with different surfaces - rough and smooth, transparent and opaque, becoming a ductile tool in the hands of architects and interior designers. Warm, welcoming colors create an attractive effect of intimacy: a grading choice of shades taken from nature, with its range of tints and the changeable tactile perception of its surfaces.









MATCHING SOLIDS AND TRANSPARENCY

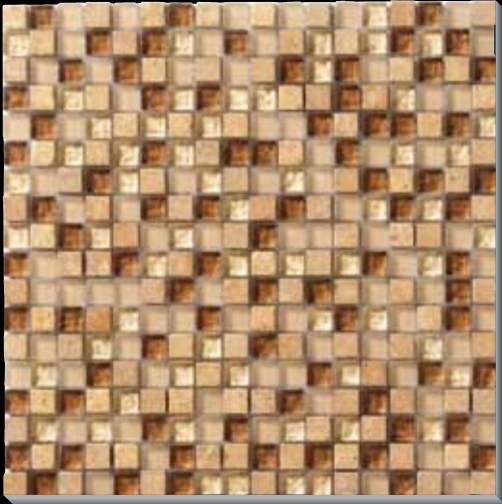
Crystal Stone mosaics provide an original interpretation of the glass tile body mixed with stone, giving variety to the mosaics surface. Geometrical lines generate the optical impression of motion, in a range of exquisite shades, for sophisticated, contemporary design projects. The well-balanced mix of colors and surfaces increases the materials depth, the simple, versatile patterns communicate an unusual, sophisticated taste.

CRYSTAL STONE | MESH MOUNTED GLASS/STONE MOSAICS

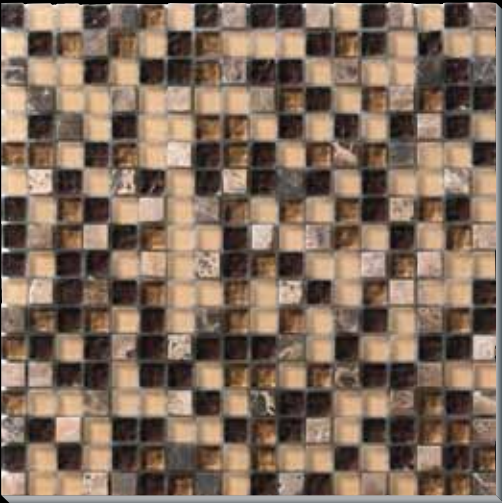
12"x 12"



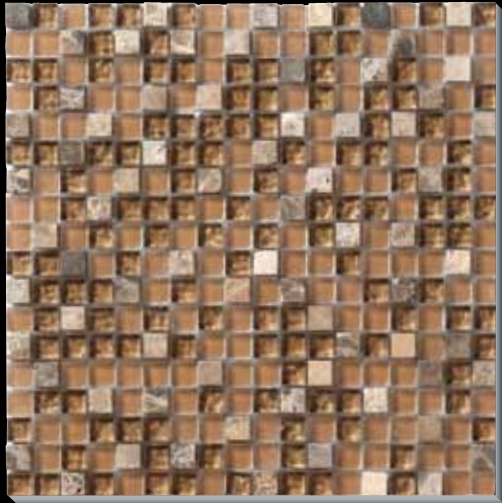
LG4A Ivory
12"x12"



LG4B Caramel
12"x12"



LG4E Coffee
12"x12"



LG4F Walnut
12"x12"



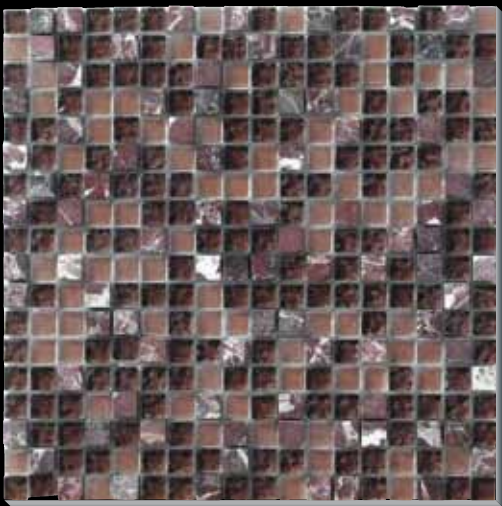
LG4J Gold
12"x12"



LG4C Breeze
12"x12"



LG4D Marine
12"x12"



LG4G Purple
12"x12"



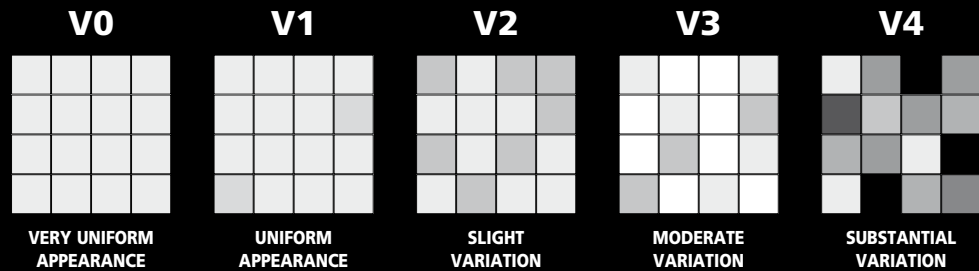
LG4H Honey
12"x12"

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

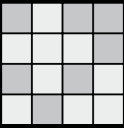
Clearly Distinguishable differences in texture and/or pattern within similar colors.

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

Crystal Stone 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



Field Tile



Wall Tile



Decorative Tile



Slight Variation



Frost Resistant



Abrasion Resistance



C.O.F. (Wet)



C.O.F. (Dry)

TECHNICAL SPECIFICATIONS

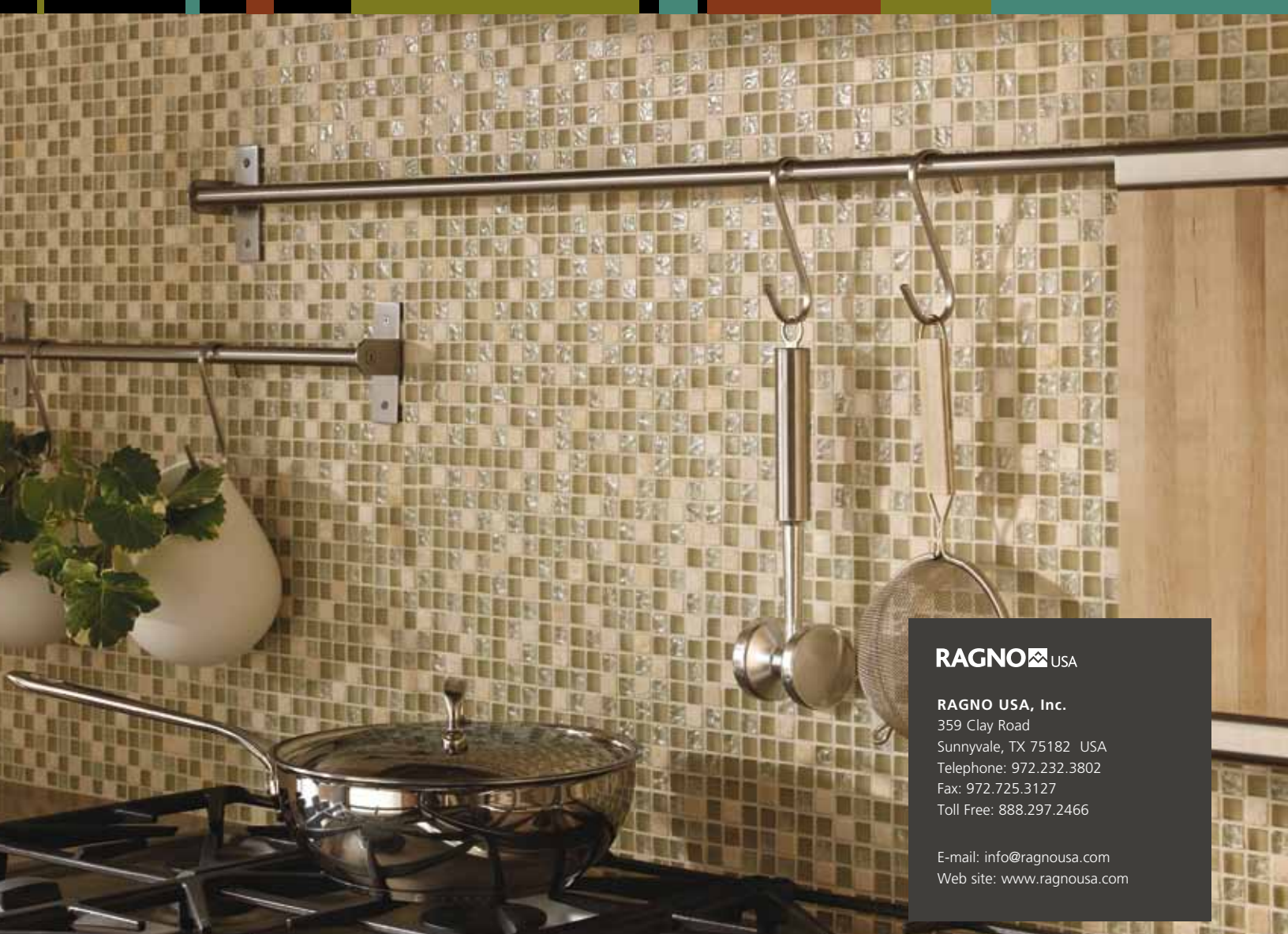
DESCRIPTION	ANSI STANDARD	RESULT	ASTM TEST METHOD
Water Absorption	2% - 5%	2% - 5%	C373
Frost Resistance	As Reported	Resistant	C1026
Scratch Resistance	MOHS 1-10	6	MOHS SCALE
Breaking Strength	≥ 250 lbf.	N/A	C648
Abrasion Resistance	Class 0 - Class V	Class III	C1027
C.O.F. (Wet)	As Reported	$0.40 \leq \text{COF} < 0.50$	C1028
C.O.F. (Dry)	As Reported	$0.60 \leq \text{COF} < 0.70$	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	12"x12"	5/16"	6	5.81	20.00			





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live inspired

