



CRYSTAL STONE
MESH MOUNTED GLASS/STONE MOSAICS

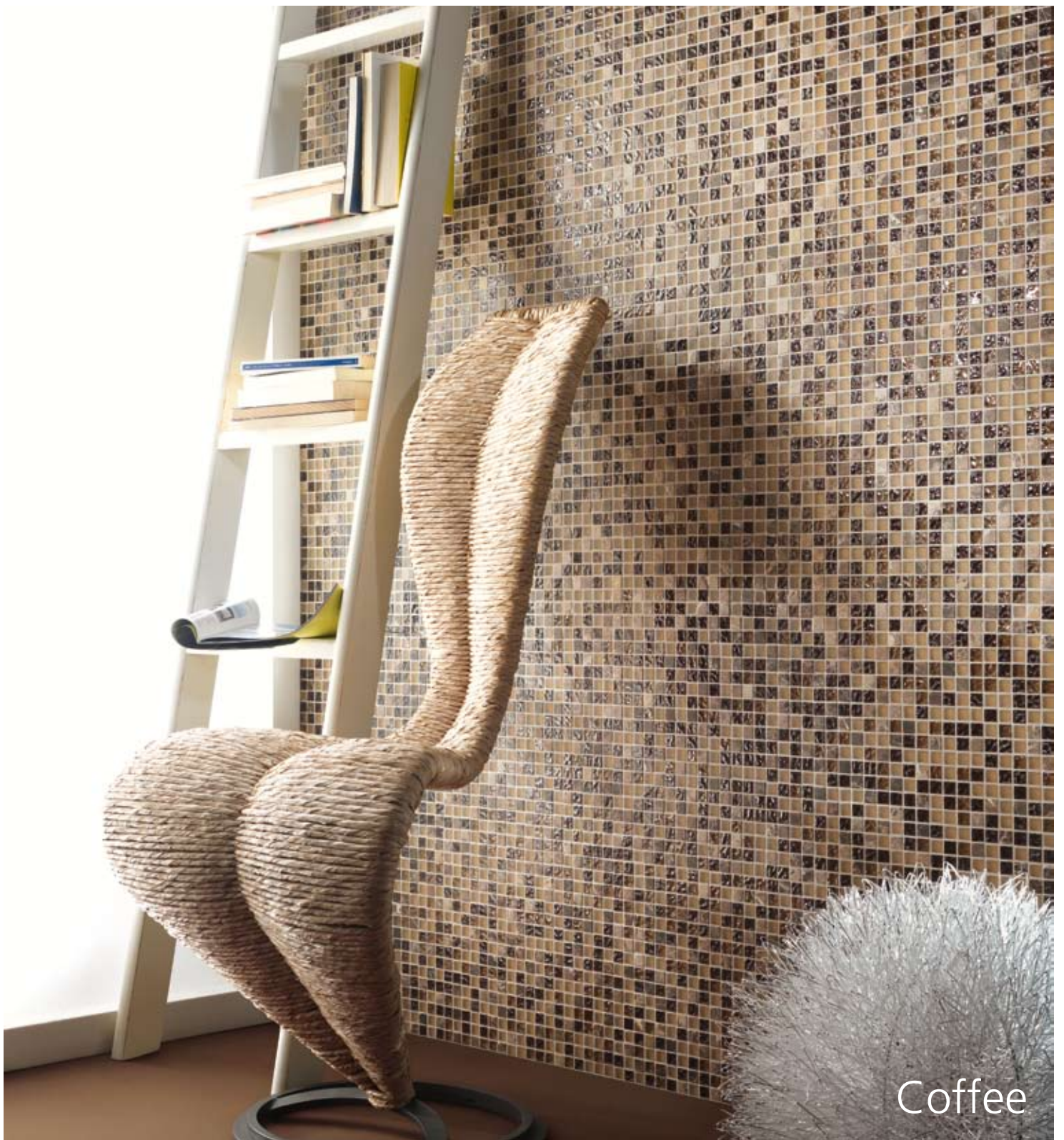


Breeze



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.

Reflection and Personality



Coffee

Mixed Colours 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 colours 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.

Walnut
MARAJÁ MT





Purple
CLEFTSTONE BI



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 colours and surfaces increases the materials depth, the simple, versatile patterns communicate an unusual, sophisticated taste.



Ivory/Cofee

RIVERSTONE RIO BRAVO MT



Honey
PETRA LUTEUS MT



Breeze



Natural Inspiration

The mosaic acquires the transparency and freshness of water, enclosed in uniform modules that transform walls into iridescent surfaces, welcoming and conversing with the passing light. The finest design is achieved through dynamic surfaces and three-dimensional effects of unexpected beauty. The natural inspiration of the material mediated by modern design and technology, retains all its poetry and is enhanced by fresh faceting effects, giving original visions of living space.





Caramel
WESTERN STONE YUKON TRAIL NO

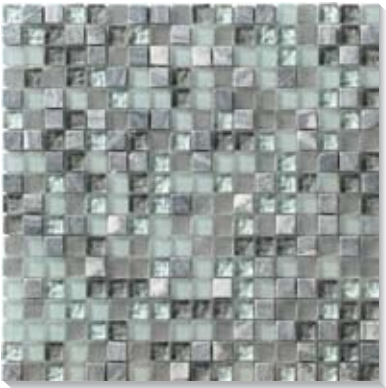
CRYSTAL STONE
MESH MOUNTED GLASS/STONE MOSAICS
12"x12"



LG4A Ivory
12"x12"



LG4B Caramel
12"x12"



LG4C Breeze
12"x12"



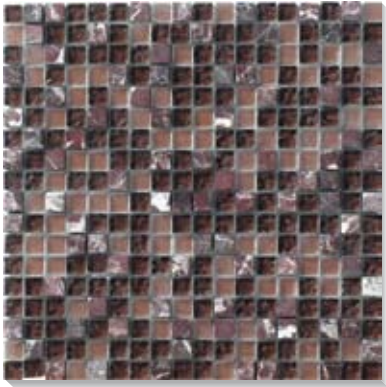
LG4D Marine
12"x12"



LG4E Coffee
12"x12"



LG4F Walnut
12"x12"



LG4G Purple
12"x12"



LG4H Honey
12"x12"



LG4J Gold
12"x12"

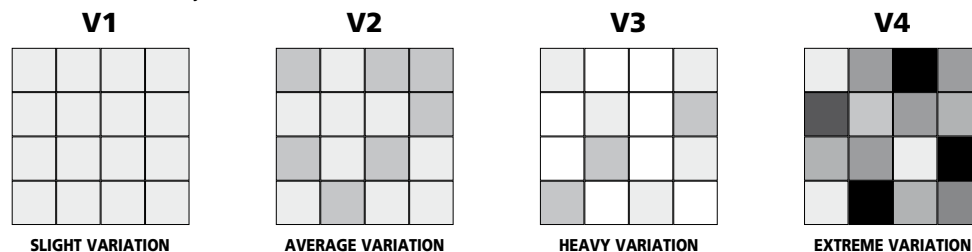


Shade variations

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.

The Ceramic Tile Distributor Association (CTDA), in cooperation with tile manufacturers and distributors, has put together helpful literature entitled the CTDA Color Shade Variation Guide. This guide rates ceramic tile on a four-point scale and ranges from V1 through V4.

Instituting the CTDA's color shade variation guidelines you will reduce customer complaints and sell the unique and individual beauty of each ceramic tile.



V1 Slight Shade Variation

The range of color and/ or finish within the same shade is relatively uniform from tile to tile.

V2 Average Shade Variation

The range of color and/ or finish within the same shade is moderately noticeable from tile to tile.

V3 Heavy Shade Variation

The range of color and/ or finish within the same shade is distinctly different from tile to tile.

V4 Extreme Shade Variation

The range of color and/ or finish within the same shade is extensively random from tile to tile.

SHADE VARIATION AND APPLICATIONS

V2		Residential	Commercial	Industrial
 AVERAGE VARIATION	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

TECHNICAL SPECIFICATIONS

DESCRIPTION	RESULT	ASTM#
Water Absorption	2% - 5%	C373
PEI Rating	3	C1027
MOHS (Scratch Resistance)	6	MOHS Scale
Frost Resistant	Resistant	C1026
C.O.F. Wet	$0.40 \leq \text{COF} < 0.50$	C1028
C.O.F. Dry	$0.60 \leq \text{COF} < 0.70$	C1028
Breaking Strength	N/A	C684
Chemical Resistance	ACID	C650
	BASE	C650

PACKAGING

	SIZE	THICKNESS	BOX			PALLET		
			PCS	SQ FT	LBS	BOXES	SQ FT	LBS
Field Tile	12"x12"	5/16"	12	11.63	42.00			



Field Tile



Wall Tile



Durability



C.O.F. (Wet)



C.O.F. (Dry)



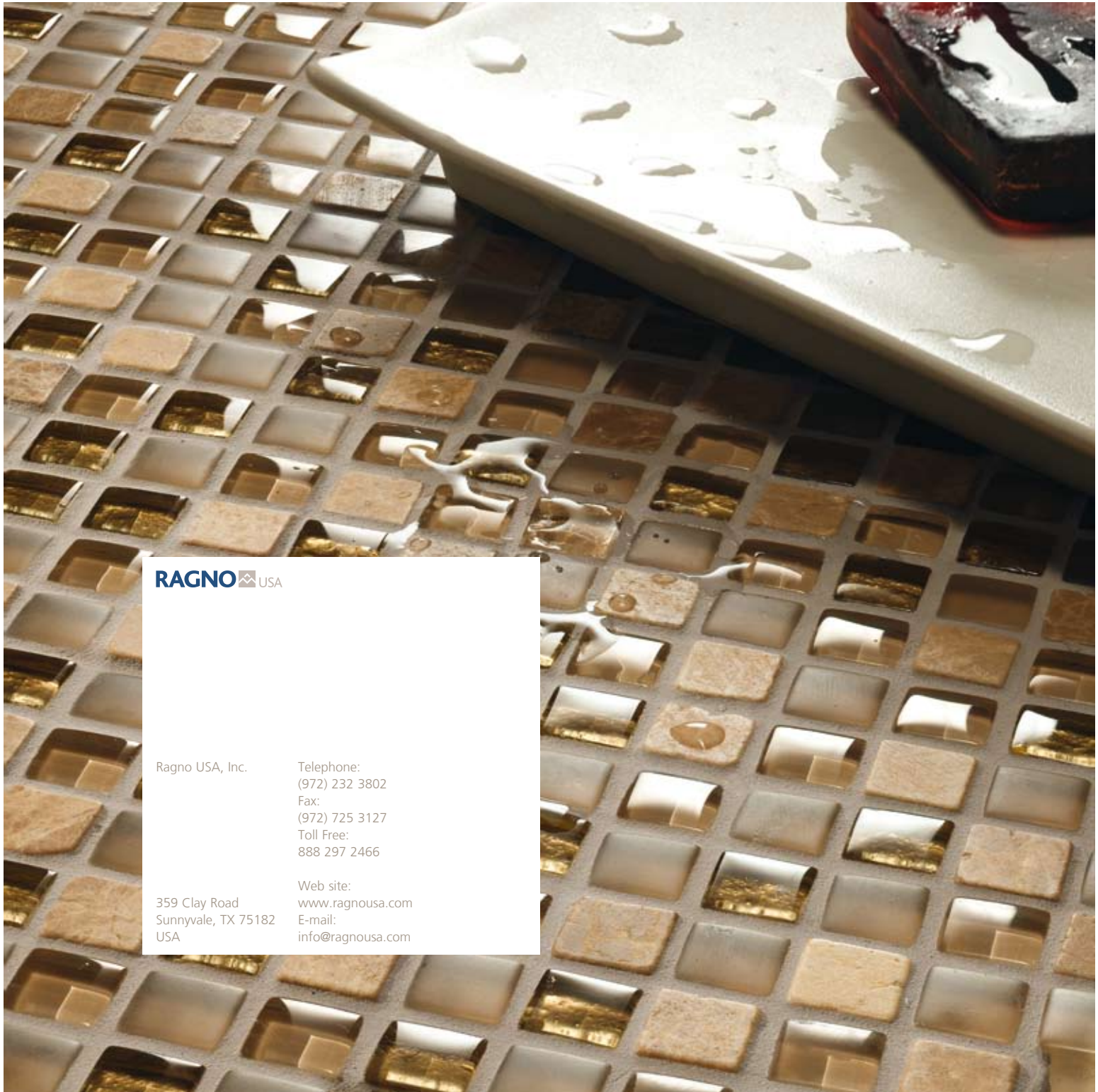
Decorative Tile



Average Variation



Frost Resistant



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