



**BORGOFORTE**  
GLAZED PORCELAIN STONEWARE

# borgoforte

The shadows of nature,



Warm, light, unexpected colors design the new Borgoforte collection of glazed porcelain stoneware. Inspired by nature, designed for contemporary living gathering the hand-made touch of traditional ceramic together with innovative and high-tech features.

the pureness of tradition enter your home





Orvieto BL



## Finding the inner freedom of a long-lasting surface

Experiment and see the potential of a new bright color that suggests the mixed shadows of a wooden tree and the blue of a sky behind: all in a piece of porcelain stoneware which is never the same because it is as different as the real stone. A perfect background for your home interiors to be played with objects of present and past design for an intimate and creative atmosphere.





# Siena GR





# Orvieto BL



Perugia MA



## Simplicity leads to a new creativity

A color, a surface, an image, an idea: tiny steps that can inspire and build upon one another to achieve something different and beautiful. Borgoforte contains all the experience of our great porcelain stoneware tradition and at the same time reaches into the future with outstanding performances in terms of strength and durability.







# Cassino BG



# Perugia MA





**BORGOFORTE**  
GLAZED PORCELAIN STONEWARE

**18"x18"**  
**12"x12"**



**AG2H** Siena GR  
18"x18"  
**AG2D** Siena GR  
12"x12"



**AG2F** Orvieto BL  
18"x18"  
**AG2B** Orvieto BL  
12"x12"



**AG3P** Siena GR Listelli  
1 1/2"x12"



**AG3M** Orvieto BL Listelli  
1 1/2"x12"



**AG3T** Siena GR Insert  
1 1/2"x1 1/2"



**AG3R** Orvieto BL Insert  
1 1/2"x1 1/2"



**AG2E** Cassino BG  
18"x18"  
**AG2A** Cassino BG  
12"x12"



**AG2G** Perugia MA  
18"x18"  
**AG2C** Perugia MA  
12"x12"



**AG2N** Cassino BG Listelli  
1 1/2"x12"



**AG3N** Perugia MA Listelli  
1 1/2"x12"



**AG3Q** Cassino BG Insert  
1 1/2"x1 1/2"



**AG3S** Perugia MA Insert  
1 1/2"x1 1/2"

SINGLE BULLNOSE



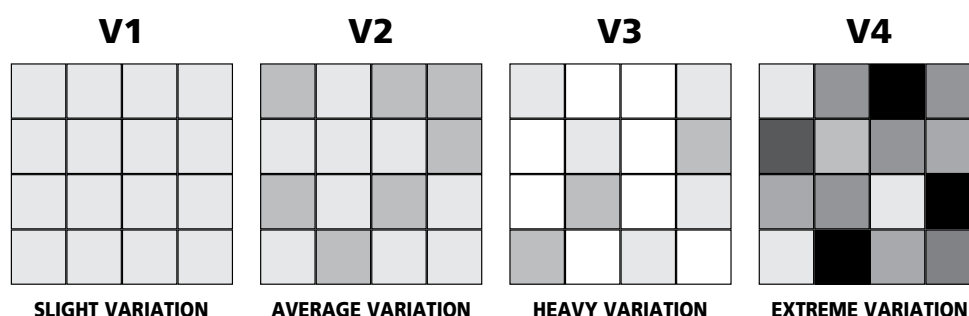
**AG2M** Siena GR SBN  
**AG2K** Orvieto BL SBN  
**AG2J** Cassino BG SBN  
**AG2L** Perugia MA SBN  
3"x12"

## 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.

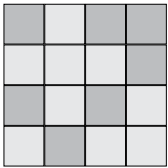
### V3 Heavy Shade Variation

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

Borgoforte 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	$\leq 0.50\%$	C373
PEI Rating	4	C1027
MOHS (Scratch Resistance)	7	MOHS Scale
Frost Resistant	Resistant	C1026
C.O.F. Wet	$0.60 \leq \text{COF} < 0.70$	C1028
C.O.F. Dry	$0.60 \leq \text{COF} < 0.70$	C1028
Breaking Strength	12"x12"	$\geq 480$ lbs. (218 kg)
	18"x18"	$\geq 550$ lbs. (250 kg)
Chemical Resistance	ACID	Very good
	BASE	Very good

PACKAGING								
	SIZE	THICKNESS	BOX			PALLET		
			PCS	SQ FT	LBS	BOXES	SQ FT	LBS
Floor Tile	18"x18"	7/16"	7	15.26	64.00	32	488.32	2048.00
Floor Tile	12"x12"	5/16"	15	14.53	51.00	48	697.44	2448.00
Listelli	1 1/2"x12"	5/16"	6		3.00			
Insert	1 1/2"x1 1/2"	5/16"	6		1.00			
Single Bullnose	3"x12"	5/16"	20		21.00			



Field Tile



Wall Tile



Durability



C.O.F. (Wet)



C.O.F. (Dry)



Decorative Tile



Average Variation



Trim Available



Frost Resistant



Meets ADA Recommendations







**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](http://www.ragnousa.com)  
E-mail:  
[info@ragnousa.com](mailto:info@ragnousa.com)