



Ragno USA, Inc
 359 Clay Road
 Sunnyvale, TX 75182
 USA

Telephone: (972) 232 3802
 Fax: (972) 725 3127
 Toll Free: 888 297 2466
 E-mail: info@ragnousa.com

CLEFTSTONE

Coordinating Floor and Wall Tile

Cleftstone proposes all the timeless beauty and elegance of bright, light colored natural stone in a practical new version. The technology used is that of fully vitrified stoneware, meaning the product is frostproof and highly resistant to abrasion from pedestrian traffic, making it the trouble-free solution for residential areas as well as commercial settings subject to limited traffic.



92D1 Cleftstone BI
20"x20"
 91S1 Cleftstone BI
13"x13"
 91T5 Cleftstone BI
6½"x6½"



92D0 Cleftstone BG
20"x20"
 91S0 Cleftstone BG
13"x13"
 91T4 Cleftstone BG
6½"x6½"



92C8 Cleftstone GI
20"x20"
 91R8 Cleftstone GI
13"x13"
 91T2 Cleftstone GI
6½"x6½"



92C7 Cleftstone MT
20"x20"
 91R7 Cleftstone MT
13"x13"
 91T1 Cleftstone MT
6½"x6½"



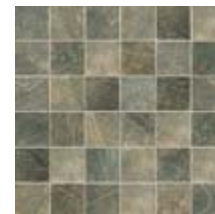
92C6 Cleftstone VE
20"x20"
 91R6 Cleftstone VE
13"x13"
 91T0 Cleftstone VE
6½"x6½"



92C5 Cleftstone NE
20"x20"
 91R5 Cleftstone NE
13"x13"
 91S9 Cleftstone NE
6½"x6½"



AJ4T Cleftstone Mosaic
MT
13"x13"



AJ4U Cleftstone Mosaic
VE
13"x13"



AJ4V Cleftstone Mosaic
NE
13"x13"



91Z8 Riverstone
AN.FR. GREEN
6½"x6½"



91Z6 Riverstone FR.
GREEN
6½"x13"



91Z9 Riverstone
AN.FR. RED
6½"x6½"



91Z7 Riverstone FR.
RED
6½"x13"



91S2 BT. Stone NE
3"x13"

91S3 BT. Stone VE
3"x13"

91S4 BT. Stone MT
3"x13"

91S5 BT. Stone GI
3"x13"

91S7 BT. Stone BG
3"x13"

91S8 BT. Stone BI
3"x13"



93N0 Stone C. NE
2¼"x13"

93N1 Stone C. VE
2¼"x13"

93N2 Stone C. MT
2¼"x13"

93N3 Stone C. GI
2¼"x13"

93N4 Stone C. BG
2¼"x13"

93N5 Stone C. BI
2¼"x13"



93M4 Stone C.ANG NE
1¾"x2¼"

93M5 Stone C.ANG VE
1¾"x2¼"

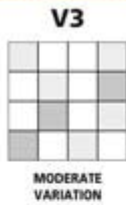
93M6 Stone C.ANG MT
1¾"x2¼"

93M7 Stone C.ANG GI
1¾"x2¼"

93M8 Stone C.ANG BG
1¾"x2¼"

93M9 Stone C.ANG BI
1¾"x2¼"

SHADE VARIATION AND APPLICATIONS



	Residential	Commercial	Industrial
Floor	•	•	
Wall	•	•	•
Countertop	•	•	•
Pool	•	•	•

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.	≥ 605 lbf.	C648
	13"x13"	≥ 250 lbf.	≥ 635 lbf.	C648
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	
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