



(pattern layout brochure)

PLEASE NOTE:

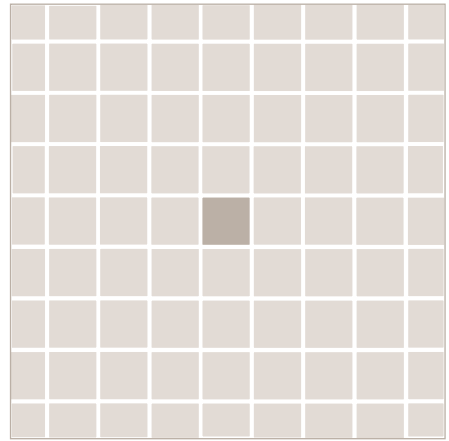
These layout suggestions are provided as a service by Marazzi USA. The calculations are believed to be accurate and correct; however, final responsibility for pattern calculation and usage rests with the user.

- When using a single size of tile, use only one caliber on a job. The sizes may vary from tile to tile and a proper grout joint width must be selected.
- When choosing a pattern with multiple sizes, calibers should be synchronized within tile sizes. Multiple caliber sizes may need to be used to insure a proper width grout joint.
- If series is indicated as a modular product, calibers are not an issue.
- If offset pattern is required for tiles with sides longer than 16", use an offset not greater than 33%.
- Always lay out at least four interlocking samples of the pattern chosen and obtain acceptance by customer before installation.
- Shaded areas indicate pattern repeat.

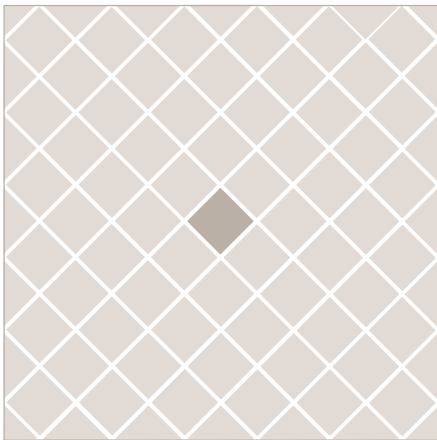
Grout Recommendations per ANSI A108.02

4.3.8 Grout joint size: To accommodate the range in facial dimensions of the tile supplied for a specific project, the actual grout joint may, of necessity, vary from the grout joint size specified. The actual grout joint size shall be at least three times the actual variation of facial dimensions of the tile supplied.

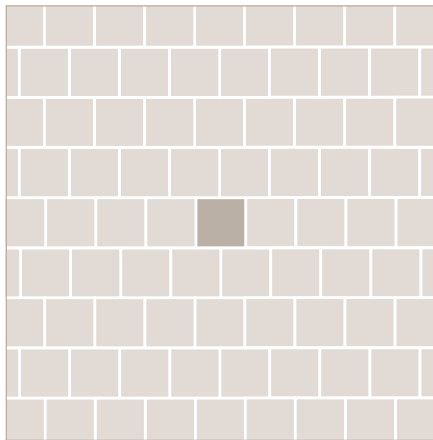
Example: for tile having a total variation of 1/6 inch in facial dimensions, a minimum of 3/16 inch grout joint shall be used. Nominal centerline of all joints shall be straight with due allowances for hand-molded or rustic tiles. In no circumstance shall the joint be less than 1/16 inch.



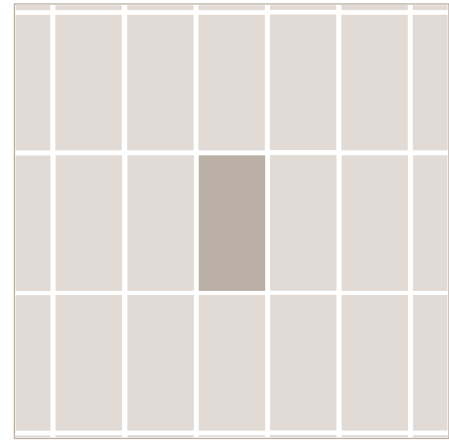
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12" / 13"x 13" / 16"x 16" / 18"x 18" / 20"x 20"	100%



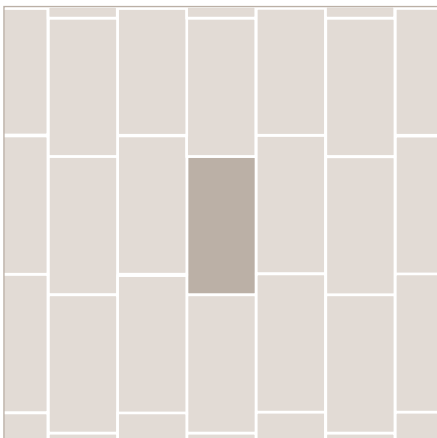
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12" / 13"x 13" / 16"x 16" / 18"x 18" / 20"x 20"	100%



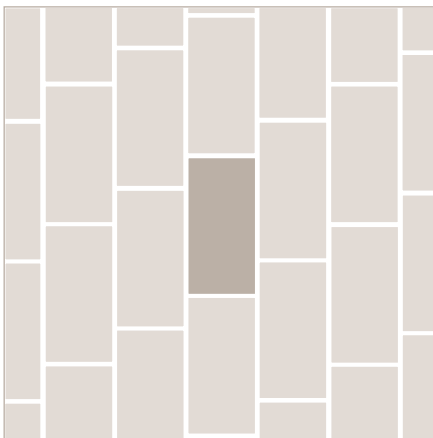
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12" / 13"x 13" / 16"x 16" / 18"x 18" / 20"x 20"	100%



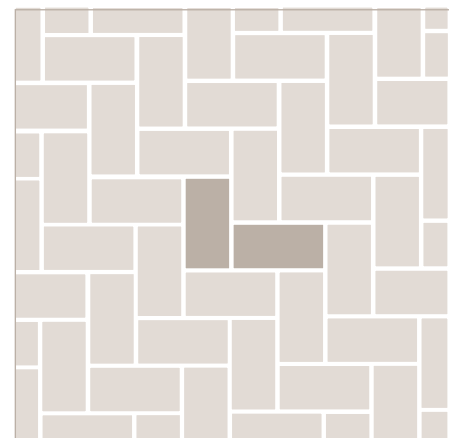
Size	Percent
3¼"x 6½" / 6"x 12" / 6½"x 13" / 10"x 20" / 4"x 24" / 6"x 24" / 12"x 24" / 12"x 48" / 24"x 48" / 6"x 36" / 9"x 36" / 18"x 36"	100%



Size	Percent
3¼"x 6½" / 6"x 12" / 6½"x 13" / 10"x 20" / 4"x 24" / 6"x 24" / 12"x 24" / 12"x 48" / 24"x 48" / 6"x 36" / 9"x 36" / 18"x 36"	100%

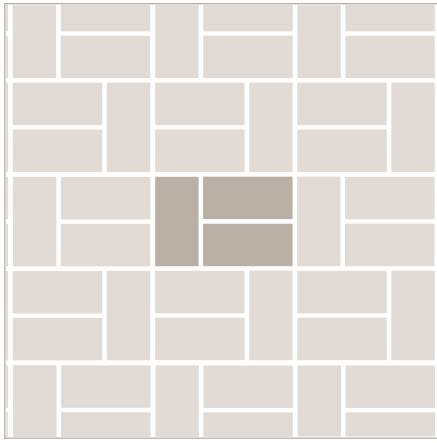


Size	Percent
3¼"x 6½" / 6"x 12" / 6½"x 13" / 10"x 20" / 4"x 24" / 6"x 24" / 12"x 24" / 12"x 48" / 24"x 48" / 6"x 36" / 9"x 36" / 18"x 36"	100%

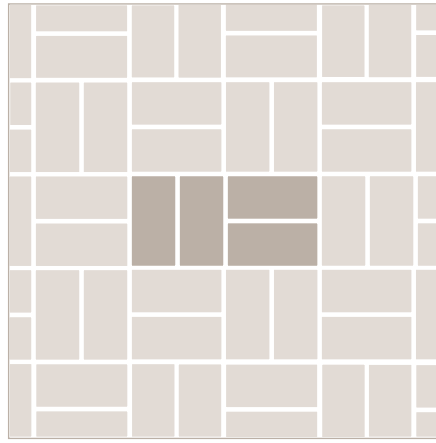


Size	Percent
3¼"x 6½" / 6"x 12" / 6½"x 13" / 10"x 20" / 4"x 24" / 6"x 24" / 12"x 24" / 12"x 48" / 24"x 48" / 6"x 36" / 9"x 36" / 18"x 36"	100%

(one tile)

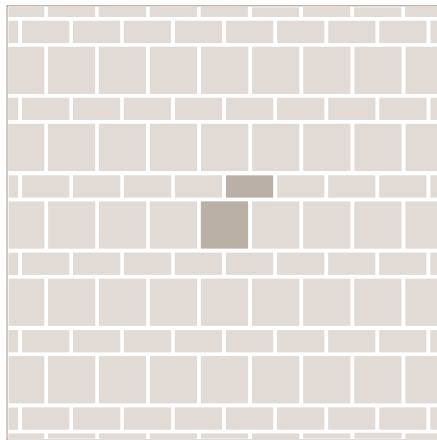


Size	Percent
3¼"x 6½" / 6"x 12" / 6½"x 13" / 10"x 20" / 12"x 24" / 24"x 48" / 18"x 36"	100%

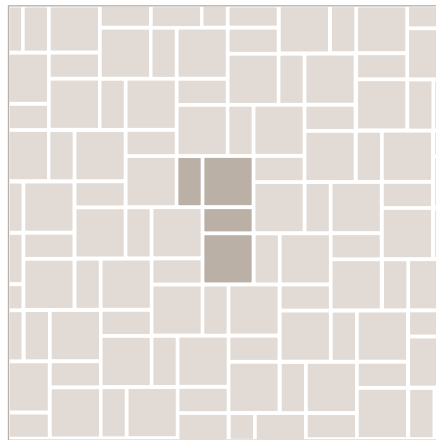


Size	Percent
3¼"x 6½" / 6"x 12" / 6½"x 13" / 10"x 20" / 12"x 24" / 24"x 48" / 18"x 36"	100%

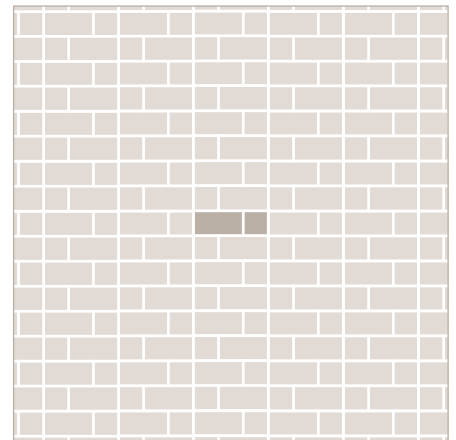
(two tiles)



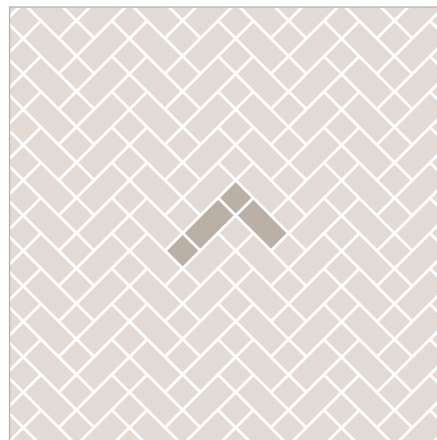
Size	Percent
6"x 12" / 6½"x 13" / 12"x 24"	33.33%
12"x 12" / 13"x 13" / 24"x 24"	66.67%



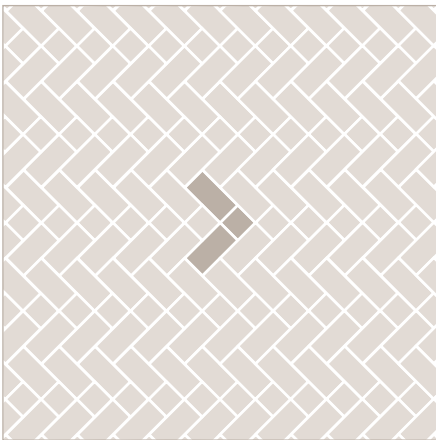
Size	Percent
6"x 12" / 6½"x 13" / 12"x 24"	33.33%
12"x 12" / 13"x 13" / 24"x 24"	66.67%



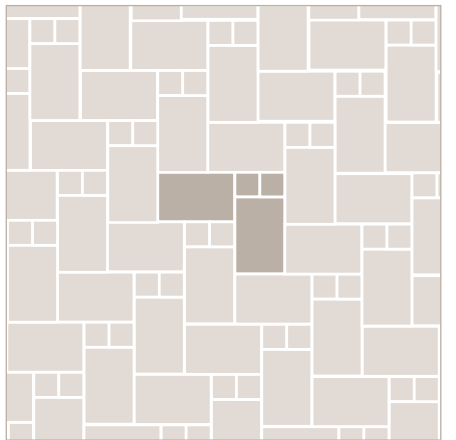
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	33.33%
6"x 12" / 6½"x 13" / 12"x 24"	66.67%



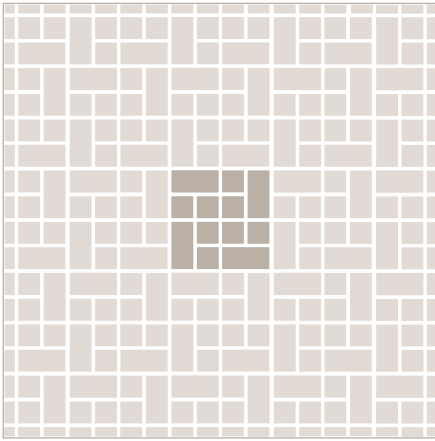
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	33.33%
6"x 12" / 6½"x 13" / 12"x 24"	66.67%



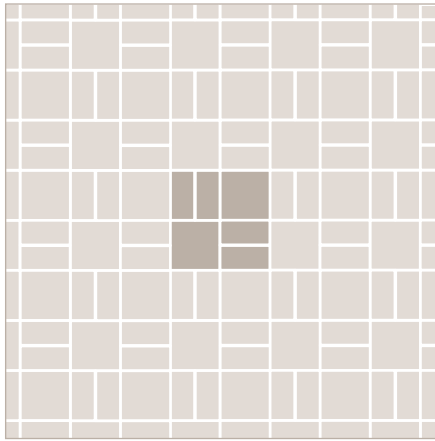
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	20.00%
6"x 12" / 6½"x 13" / 12"x 24"	80.00%



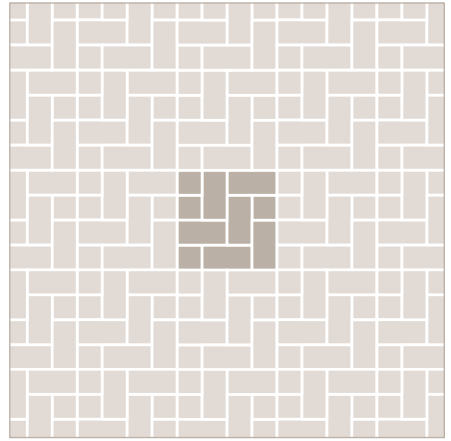
Size	Percent
12"x 12"	11.11%
24"x 48"	88.89%



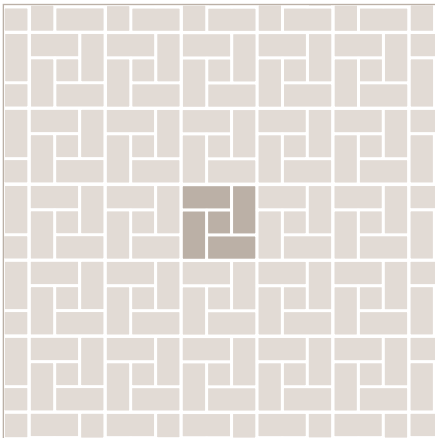
Size	Percent
6"x 6" / 6½"x 6½"	50.00%
6"x 12" / 6½"x 13"	50.00%



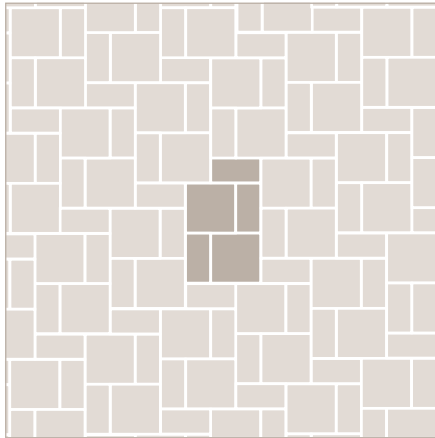
Size	Percent
6"x 12" / 6½"x 13" / 12"x 24"	50.00%
12"x 12" / 13"x 13" / 24"x 24"	50.00%



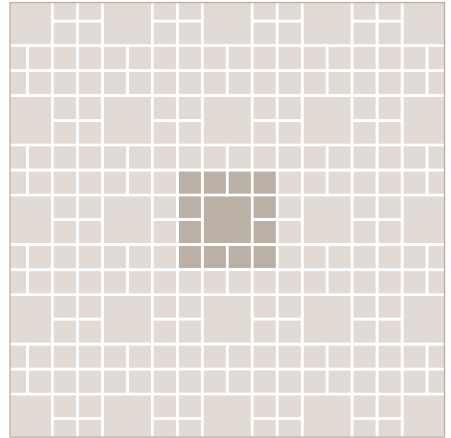
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	25.00%
6"x 12" / 6½"x 13" / 12"x 24"	75.00%



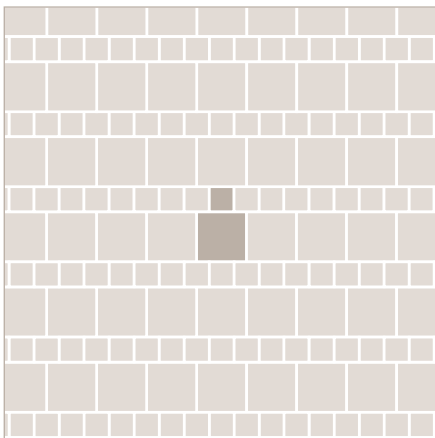
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	11.11%
6"x 12" / 6½"x 13" / 12"x 24"	88.89%



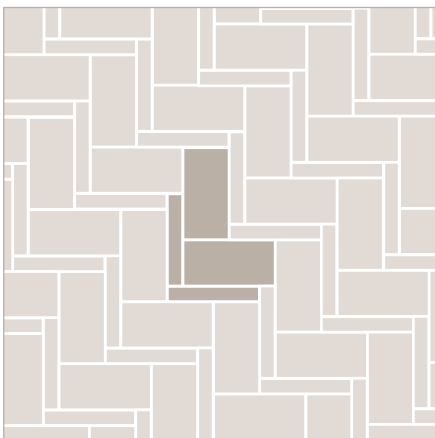
Size	Percent
6"x 12" / 6½"x 13" / 12"x 24"	42.86%
12"x 12" / 13"x 13" / 24"x 24"	57.14%



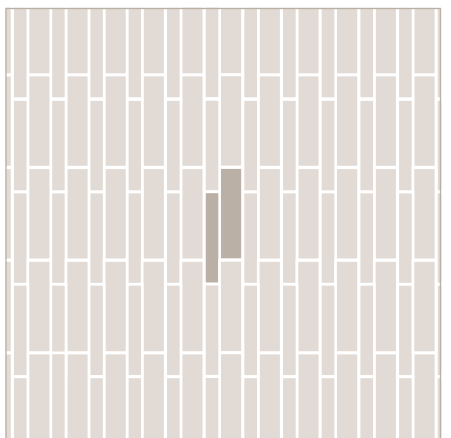
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	75.00%
12"x 12" / 13"x 13" / 24"x 24"	25.00%



Size	Percent
6"x 6" / 6½"x 6½"	25.00%
12"x 12" / 13"x 13"	75.00%



Size	Percent
4"x 24"	25.00%
12"x 24"	75.00%



Size	Percent
4"x 24" / 6"x 36"	40.00%
6"x 24" / 9"x 36"	60.00%

Size	Percent
12"x 12"	20.00%
24"x 24"	80.00%

Size	Percent
12"x 48"	33.33%
24"x 48"	66.67%

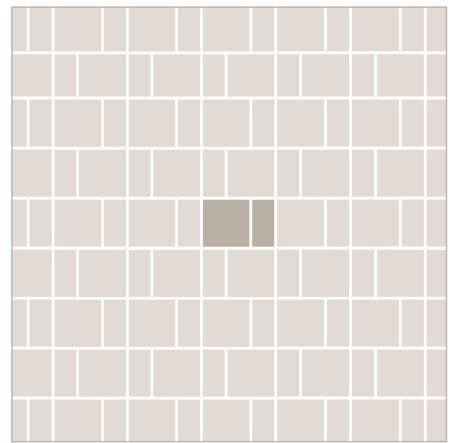
Size	Percent
4"x 24"	25.00%
12"x 24"	75.00%



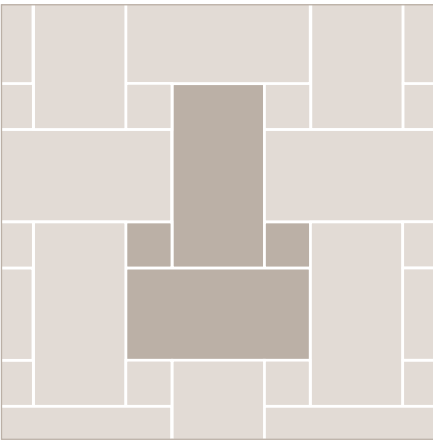
Size	Percent
6"x 36"	40.00%
9"x 36"	60.00%



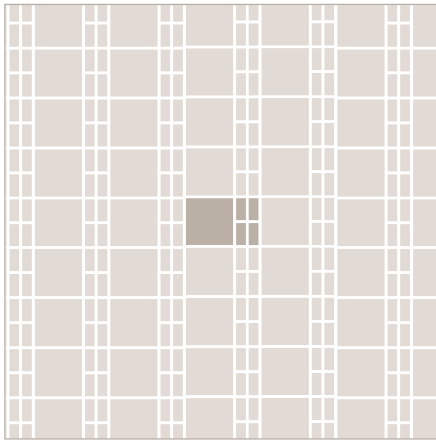
Size	Percent
6"x 24" / 12"x 48"	33.33%
12"x 24" / 24"x 48"	66.67%



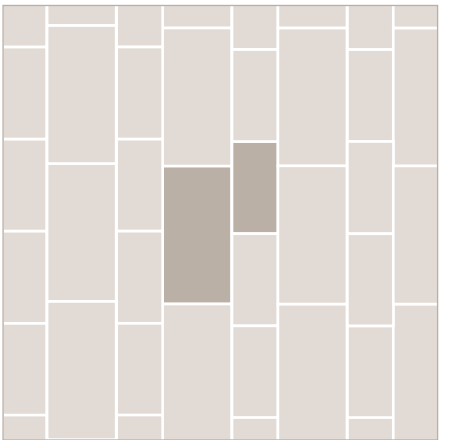
Size	Percent
6"x 12" / 6½"x 13" / 12"x 24"	33.33%
12"x 12" / 13"x 13" / 24"x 24"	66.67%



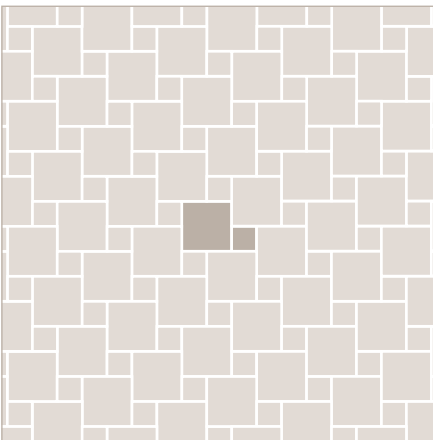
Size	Percent
12"x 12"	11.11%
24"x 48"	88.89%



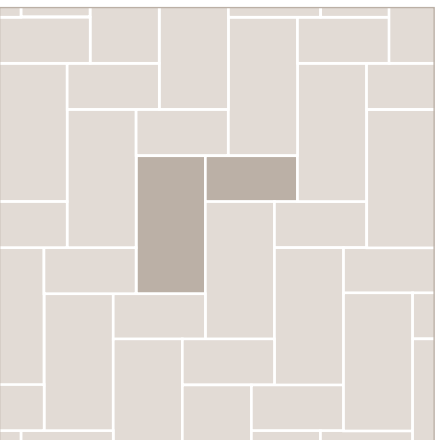
Size	Percent
3¼"x 6½"	33.33%
13"x 13"	66.67%



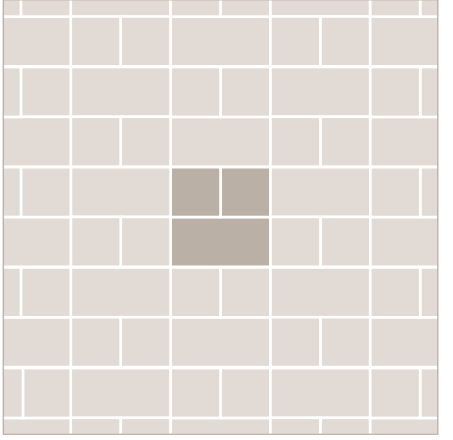
Size	Percent
12"x 24"	30.77%
18"x 36"	69.23%



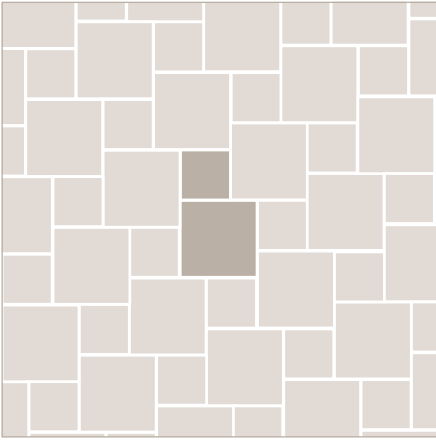
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	20.00%
12"x 12" / 13"x 13" / 24"x 24"	80.00%



Size	Percent
12"x 24"	30.77%
18"x 36"	69.23%



Size	Percent
12"x 12"	50.00%
12"x 24"	50.00%

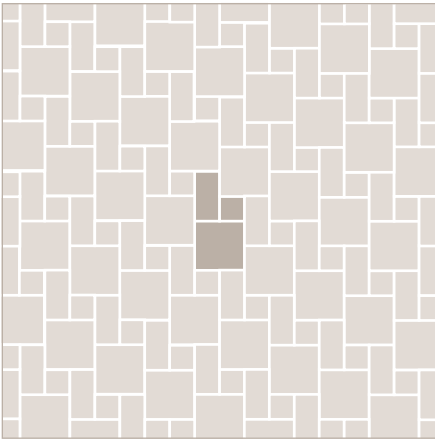


Size	Percent
12"x 12" / 13"x 13"	15.79%
16"x 16" / 18"x 18"	84.21%

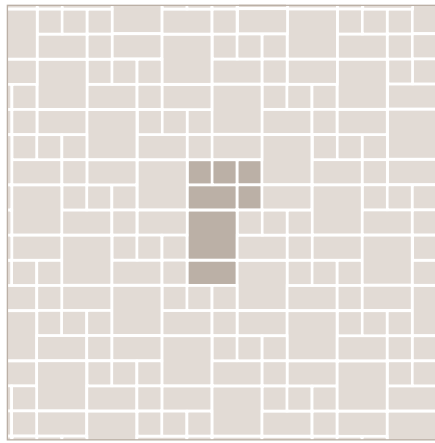
Size	Percent
12"x 12" / 13"x 13"	30.76%
18"x 18" / 20"x 20"	69.24%

Size	Percent
13"x 13"	36.00%
16"x 16"	64.00%

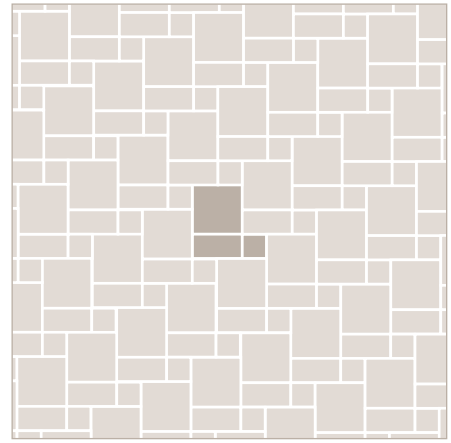
(two tiles)



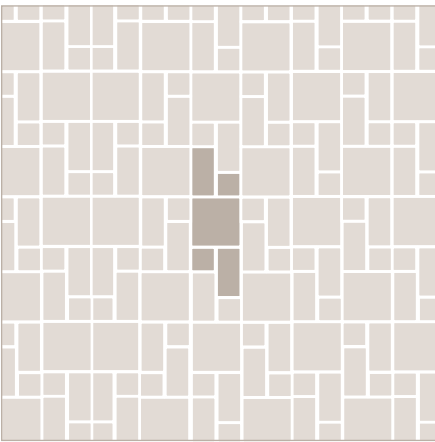
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	14.29%
6"x 12" / 6½"x 13" / 12"x 24"	28.57%
12"x 12" / 13"x 13" / 24"x 24"	57.14%



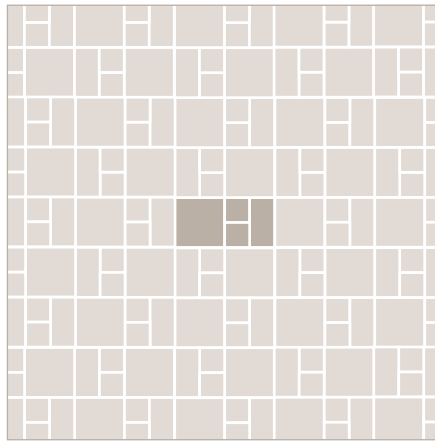
Size	Percent
6"x 6" / 6½"x 6½"	33.34%
6"x 12" / 6½"x 13"	33.33%
12"x 12" / 13"x 13"	33.33%



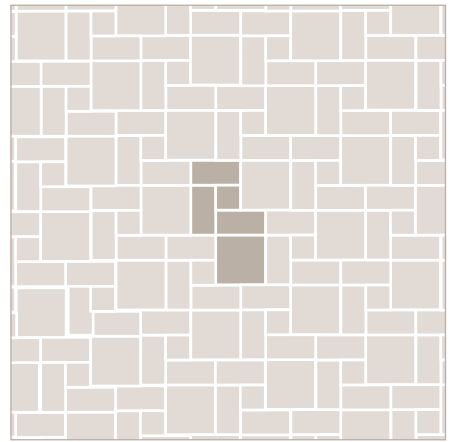
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	14.29%
6"x 12" / 6½"x 13" / 12"x 24"	28.57%
12"x 12" / 13"x 13" / 24"x 24"	57.14%



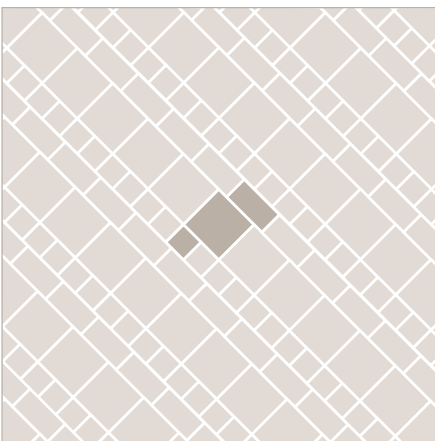
Size	Percent
6"x 6" / 6½"x 6½"	20.00%
6"x 12" / 6½"x 13"	40.00%
12"x 12" / 13"x 13"	40.00%



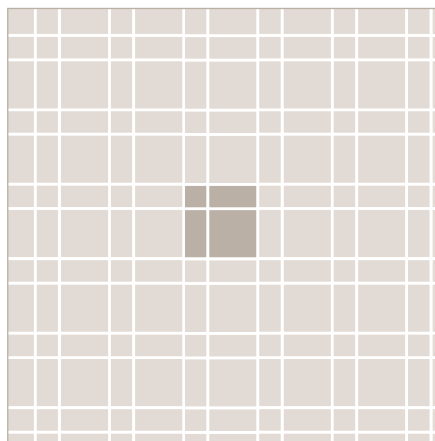
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	25.00%
6"x 12" / 6½"x 13" / 12"x 24"	25.00%
12"x 12" / 13"x 13" / 24"x 24"	50.00%



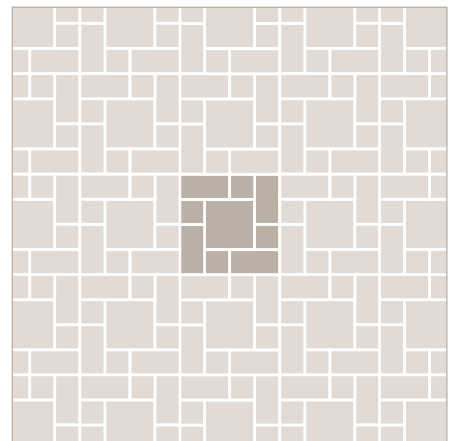
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	9.09%
6"x 12" / 6½"x 13" / 12"x 24"	54.55%
12"x 12" / 13"x 13" / 24"x 24"	36.36%



Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	14.29%
6"x 12" / 6½"x 13" / 12"x 24"	28.57%
12"x 12" / 13"x 13" / 24"x 24"	57.14%

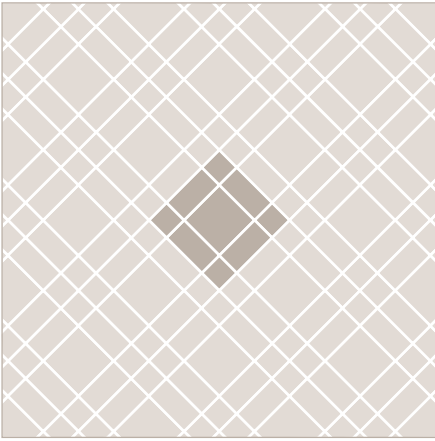


Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	11.11%
6"x 12" / 6½"x 13" / 12"x 24"	44.44%
12"x 12" / 13"x 13" / 24"x 24"	44.45%

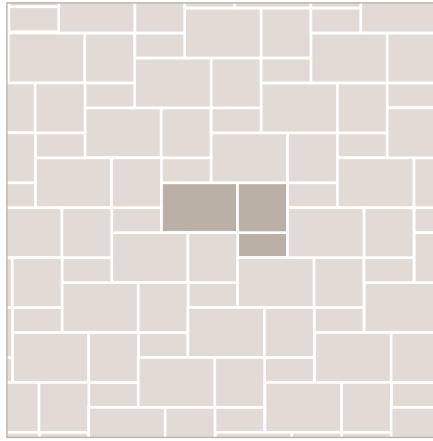


Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	25.00%
6"x 12" / 6½"x 13" / 12"x 24"	50.00%
12"x 12" / 13"x 13" / 24"x 24"	25.00%

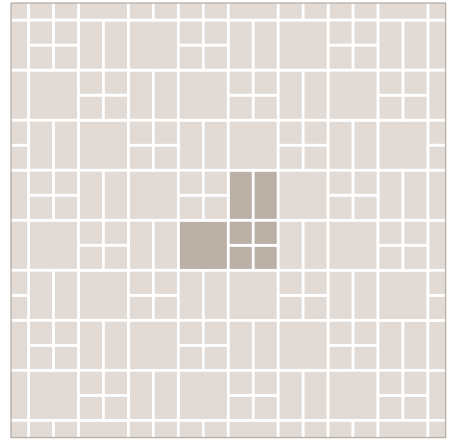
*Largest tile in pattern needs to be two calibers larger than other tiles



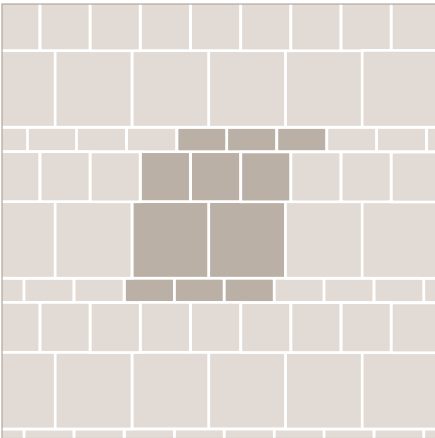
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	25.00%
6"x 12" / 6½"x 13" / 12"x 24"	50.00%
12"x 12" / 13"x 13" / 24"x 24"	25.00%



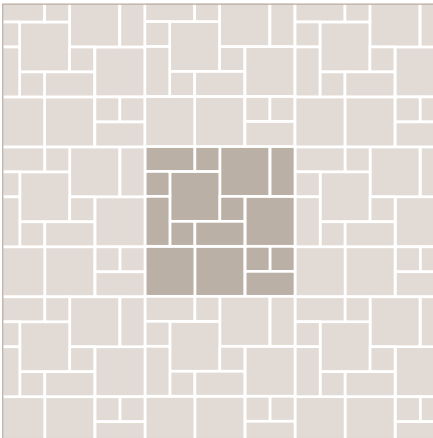
Size	Percent
12"x 24"	14.29%
24"x 24"	28.57%
24"x 48"	57.14%



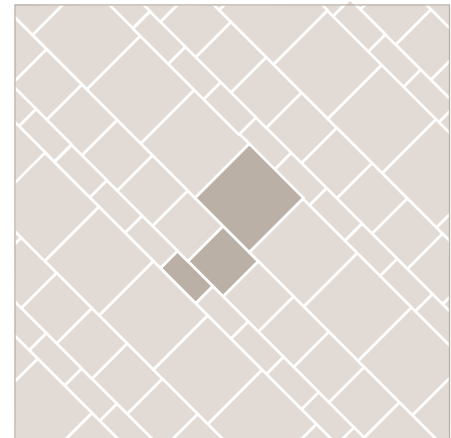
Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	33.33%
6"x 12" / 6½"x 13" / 12"x 24"	33.33%
12"x 12" / 13"x 13" / 24"x 24"	33.34%



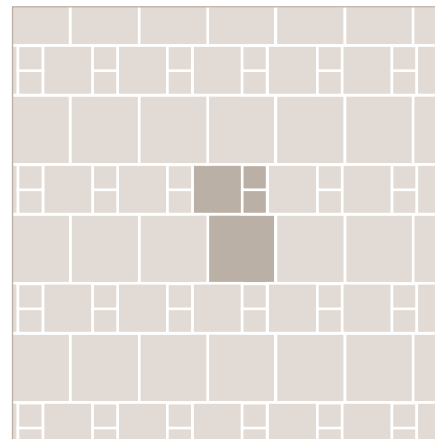
Size	Percent
6"x 12" / 6½"x 13"	28.57%
12"x 12" / 13"x 13"	28.57%
18"x 18" / 20"x 20"	42.86%



Size	Percent
6"x 6" / 6½"x 6½" / 12"x 12"	16.67%
6"x 12" / 6½"x 13" / 12"x 24"	27.78%
12"x 12" / 13"x 13" / 24"x 24"	55.55%



Size	Percent
6½"x 13"	16.67%
13"x 13"	33.33%
20"x 20"	50.00%



Size	Percent
6"x 6"	15.25%
12"x 12"	30.51%
16"x 16"	54.24%



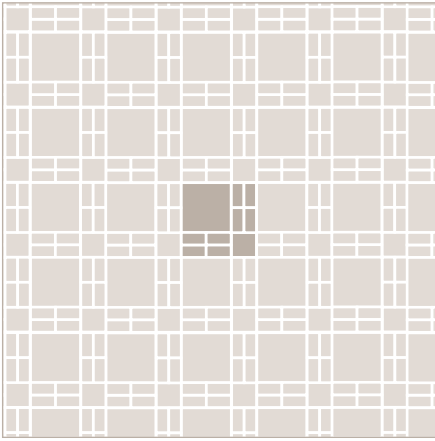
Size	Percent
4"x 24"	14.28%
6"x 24"	42.86%
12"x 24"	42.86%



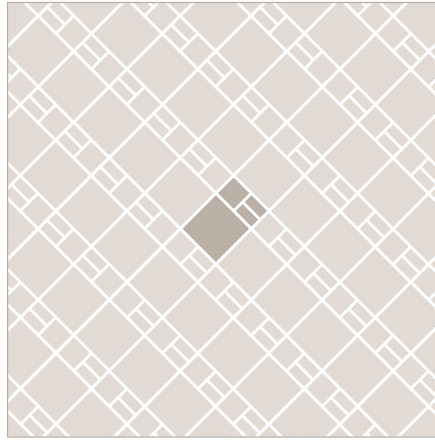
Size	Percent
4"x 24"	18.18%
6"x 24"	27.27%
12"x 24"	54.55%

*Largest tile in pattern needs to be two calibers larger than other tiles

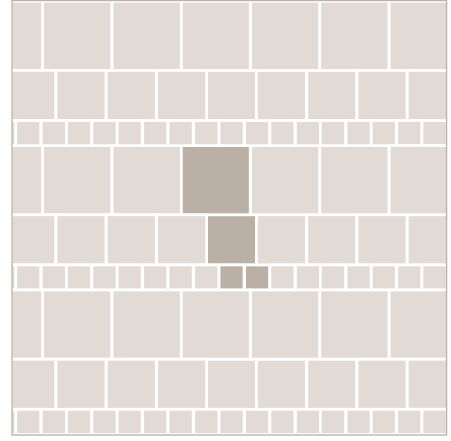
(three tiles+)



Size	Percent
3¼"x 6½"	44.44%
6½"x 6½"	11.11%
13"x 13"	44.45%

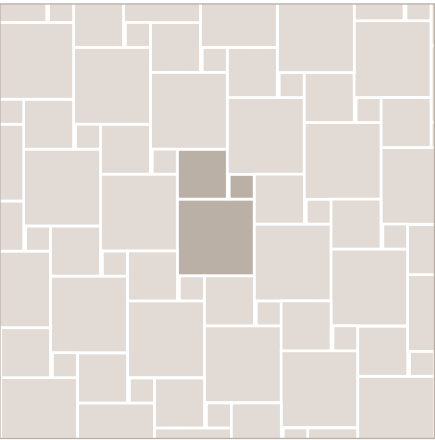


Size	Percent
3¼"x 6½"	16.67%
6½"x 6½"	16.67%
13"x 13"	66.66%

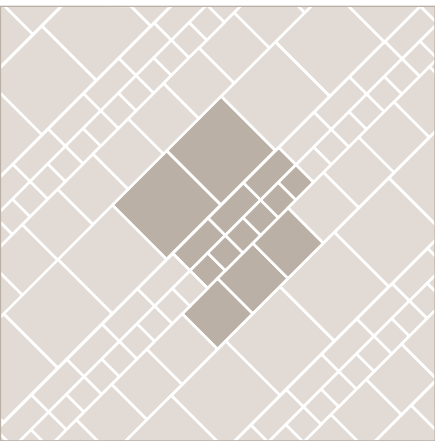


Size	Percent
6"x 6"	15.25%
12"x 12"	30.51%
16"x 16"	54.24%

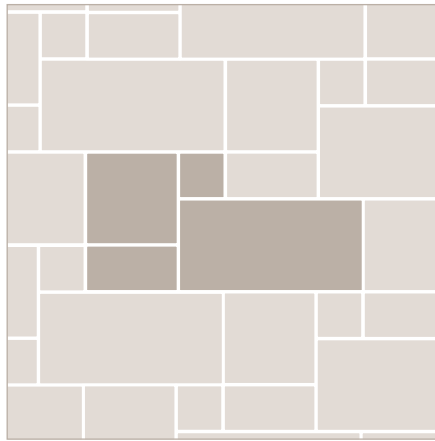
Size	Percent
6½"x 6½"	13.33%
13"x 13"	26.67%
20"x 20"	60.00%



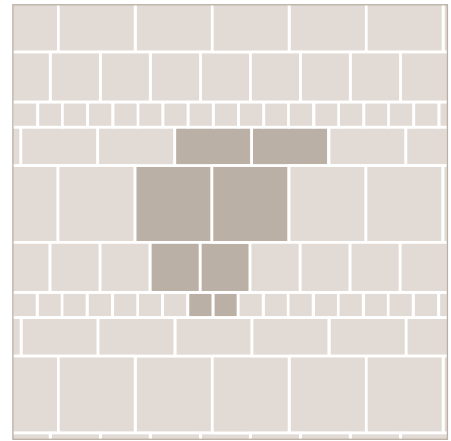
Size	Percent
6"x 6"	7.14%
12"x 12"	28.57%
18"x 18"	64.29%



Size	Percent
6½"x 6½"	14.28%
6½"x 13"	14.28%
13"x 13"	28.58%
20"x 20"	42.86%



Size	Percent
12"x 12"	6.67%
12"x 24"	13.33%
24"x 24"	26.67%
24"x 48"	53.33%



Size	Percent
6½"x 6½"	5.80%
13"x 13"	23.52%
10"x 20"	17.65%
20"x 20"	53.03%

(four tiles+)

*Largest tile in pattern needs to be two calibers larger than other tiles



American Marazzi Tile, Inc.
Headquarters & Manufacturing Plant

359 Clay Road East
Sunnyvale, Texas 75182

T 972.226.0110
F 972.226.5629
www.marazzitile.com
contact@marazzitile.com