

SIENASTONE333 INSIDE CORNER DETAIL

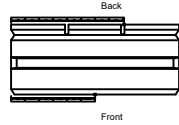
SienaStone333 (1.2m) Inside Modified Corners

Imperial dimensions					
Angle (degrees)	Front (inches)	Back (inches)	Split (inches)	Cut (inches)	Unit to Modify
5	23 5/8	24 1/2	7/8	19 5/8	Standard
10	23 5/8	25 3/8	1 3/4	19 5/8	Standard
15	23 5/8	26 1/4	2 5/8	19 5/8	Standard
20	23 5/8	27 1/8	3 1/2	19 5/8	Standard
25	23 5/8	28	4 3/8	19 5/8	Standard
30	23 5/8	28 7/8	5 1/4	19 5/8	Standard
35	23 5/8	29 7/8	6 1/4	19 5/8	Standard
40	23 5/8	30 3/4	7 1/8	19 5/8	Standard
45	23 5/8	31 3/4	8 1/8	19 5/8	Standard
50	23 5/8	32 3/4	9 1/8	19 5/8	Standard
55	23 5/8	33 7/8	10 1/4	19 5/8	Standard
60	23 5/8	35	11 3/8	19 5/8	Standard
65	23 5/8	36 1/8	12 1/2	19 5/8	Standard
70	23 5/8	37 3/8	13 3/4	19 5/8	Standard
75	23 5/8	38 3/4	15 1/8	19 5/8	Standard
80	23 5/8	40 1/8	16 1/2	19 5/8	Standard
85	23 5/8	41 5/8	18	19 5/8	Standard
90	Use manufactured 90° corner unit.				
91-180	Not recommended				

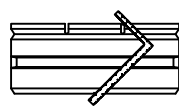
Metric dimensions					
Angle (degrees)	Front (mm)	Back (mm)	Split (mm)	Cut (mm)	Unit to Modify
5	600	622	22	500	Standard
10	600	644	44	500	Standard
15	600	666	66	500	Standard
20	600	688	88	500	Standard
25	600	711	111	500	Standard
30	600	734	134	500	Standard
35	600	758	158	500	Standard
40	600	782	182	500	Standard
45	600	807	207	500	Standard
50	600	833	233	500	Standard
55	600	860	266	500	Standard
60	600	889	289	500	Standard
65	600	919	319	500	Standard
70	600	950	350	500	Standard
75	600	984	384	500	Standard
80	600	1020	420	500	Standard
85	600	1058	458	500	Standard
90	Use manufactured 90° corner unit.				
91-180	Not recommended				

1. Create modified right corner unit using required unit.

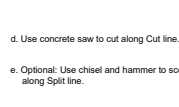
a. Identify inside angle required. Mark corresponding Front and Back dimensions from left end of unit.



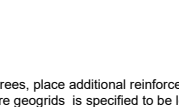
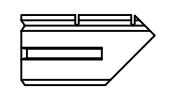
b. Mark Split and Cut dimensions on square. Line up marks on square with marks on unit.



c. Scribe Split and Cut lines on unit.



d. Use concrete saw to cut along Cut line.



e. Optional: Use chisel and hammer to score then split along Split line.

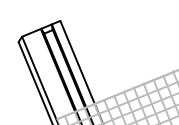


f. Use concrete saw to remove key from the right end, leaving approximately 575mm (23 inches) of the key intact at the left side.

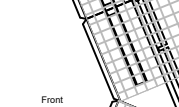


2. Place modified right corner unit on first course. (Place SienaStone333 units)

a. Identify inside angle required. Mark corresponding Front and Back dimensions from right end of unit.



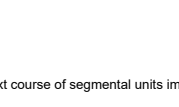
b. Mark Split and Cut dimensions on square. Line up marks on square with marks on unit.



c. Scribe Split and Cut lines on unit.



d. Use concrete saw to cut along Cut line.



e. Optional: Use chisel and hammer to score then split along Split line.

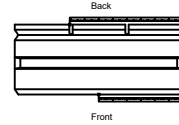


f. Use concrete saw to remove key from the left end, leaving approximately 575mm (23 inches) of the key intact on the right side.

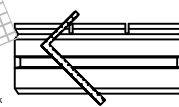


3. Create modified left corner unit using required unit.

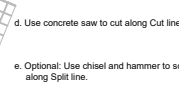
a. Identify inside angle required. Mark corresponding Front and Back dimensions from right end of unit.



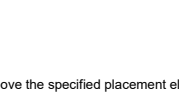
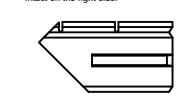
b. Mark Split and Cut dimensions on square. Line up marks on square with marks on unit.



c. Scribe Split and Cut lines on unit.



d. Use concrete saw to cut along Cut line.



e. Optional: Use chisel and hammer to score then split along Split line.

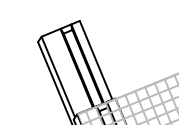


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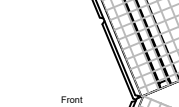


4. Place modified left corner unit on next course. (Place SienaStone333 units)

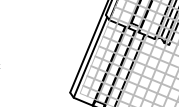
a. Identify inside angle required. Mark corresponding Front and Back dimensions from right end of unit.



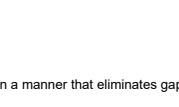
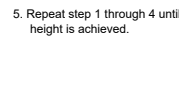
b. Mark Split and Cut dimensions on square. Line up marks on square with marks on unit.



c. Scribe Split and Cut lines on unit.



d. Use concrete saw to cut along Cut line.



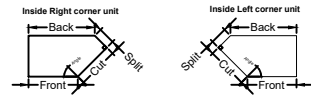
e. Optional: Use chisel and hammer to score then split along Split line.



f. Use concrete saw to remove key from the left end, leaving approximately 575mm (23 inches) of the key intact on the right side.



5. Repeat step 1 through 4 until desired height is achieved.



Note:

When the gaps between adjacent geogrids exceed 20 degrees, place additional reinforcement on next course of segmental units immediately above the specified placement elevation, in a manner that eliminates gaps left by previous layer of geosynthetic. Repeat for subsequent courses where geogrids is specified to be located



Engineering design by RisiStone Inc.