

# DURA HOLD 2<sup>®</sup>

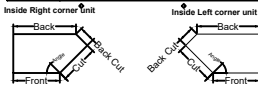
REF: Detail\_DuraHold2\_Inside Corner Construction

## INSIDE CORNER BLOCK CUTTING DETAIL

### DuraHold2 Inside Modified Corners

Imperial dimensions					
Angle (degrees)	Front (inches)	Back (inches)	Back Cut (inches) *1	Cut (inches)	Unit to Modify
5	36	36 5/8	5/8	14 1/8	Standard
10	36	37 1/4	1 1/4	14 1/8	Standard
15	36	37 7/8	1 7/8	14 1/8	Standard
20	36	38 1/2	2 1/2	14 1/8	Standard
25	36	39 1/8	3 1/8	14 1/8	Standard
30	36	39 7/8	3 3/4	14 1/8	Standard
35	36	40 1/2	4 1/2	14 1/8	Standard
40	36	41 1/8	5 1/8	14 1/8	Standard
45	36	41 7/8	5 7/8	14 1/8	Standard
50	36	42 5/8	6 5/8	14 1/8	Standard
55	36	43 3/8	7 3/8	14 1/8	Standard
60	36	44 1/4	8 1/8	14 1/8	Standard
65	36	45	9	14 1/8	Standard
70	36	46	9 7/8	14 1/8	Standard
75	36	46 7/8	10 7/8	14 1/8	Standard
80	36	47 7/8	11 7/8	14 1/8	Standard
85	36	49	13	14 1/8	Standard
90	50 1/4	50 1/4	0	14 1/8	Standard
91-180	Not recommended				

Metric dimensions					
Angle (degrees)	Front (mm)	Back (mm)	Back Cut (mm) *1	Cut (mm)	Unit to Modify
5	915	931	16	360	Standard
10	915	946	31	360	Standard
15	915	962	47	360	Standard
20	915	978	63	360	Standard
25	915	995	80	360	Standard
30	915	1011	96	360	Standard
35	915	1029	114	360	Standard
40	915	1046	131	360	Standard
45	915	1064	149	360	Standard
50	915	1083	168	360	Standard
55	915	1102	187	360	Standard
60	915	1123	208	360	Standard
65	915	1144	229	360	Standard
70	915	1167	252	360	Standard
75	915	1191	276	360	Standard
80	915	1217	302	360	Standard
85	915	1245	330	360	Standard
90	1275	1275	0	360	Standard
91-180	Not recommended				



1. Create modified right corner unit using required unit.
  2. Place modified right corner unit on first course.
  3. Create modified left corner unit using required unit.
  4. Place modified left corner unit on next course.
- a. Identify inside angle required. Mark corresponding Front and Back dimensions from left end of unit.
  - b. Mark Cut and Back Cut dimensions on square. Line up marks on square with marks on unit.
  - c. Scribe Cut and Back Cut lines on unit.
  - d. Use concrete saw to cut along Cut line.
  - e. Optional: Use concrete saw to cut along Back Cut line.
  - f. Use concrete saw to remove key from the right end, leaving approximately 900mm (35 inches) of the key intact at the left 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



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