



HB&G Columns & Porch Systems

≈ Where Family and Friends Greet ≈



EL & EL Wood Products Corp.

Millwork that creates distinction.™

Columns & Porch Systems

HB&G Columns are an exquisite opportunity to upgrade the exterior and interior beauty of your home on a grand scale.

HB&G Columns and Porch Systems are available in PermaCast™, a fiber reinforced polymer composite. We carry in stock, a large selection of plain and fluted PermaCast columns, as well as PermaCast Porch Railings Systems.

Weather resistant, insect-proof and requiring low to no maintenance, PermaCast™ products come with a limited Lifetime Warranty. HB&G's commitment to architecturally correct detailing, enormous selection, extraordinary service and superior quality has made them one of our nations leading manufacturers in their field.



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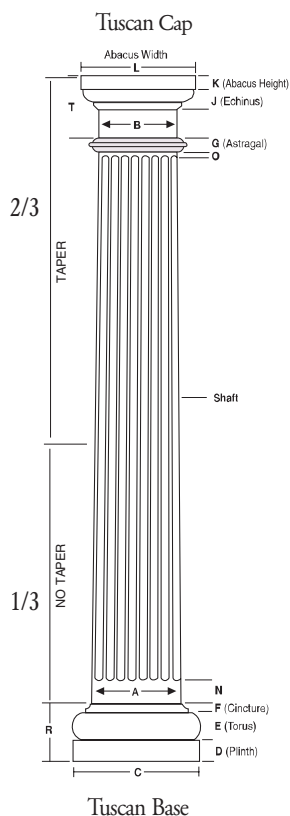
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Points of Distinction

✦ Architecturally Correct ✦ PermaCast™ or Wood ✦ Full, Quartered or Halved



Round **PERMA**Cast Columns



ROUND PERMACAST COLUMN DIMENSIONS (In Inches)*

COL SIZE	A	B	C	D	E	F	G	J	K	L	O	N	R	T	LENGTH AVAIL
6	5 $\frac{3}{4}$	4 $\frac{3}{4}$	9	1 $\frac{1}{16}$	1 $\frac{1}{16}$	$\frac{3}{16}$	$\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	8	NA	NA	3 $\frac{3}{16}$	4 $\frac{1}{16}$	6,8
8	7 $\frac{3}{4}$	6 $\frac{1}{4}$	10 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	9 $\frac{1}{4}$	$\frac{1}{2}$	2 $\frac{1}{4}$	4 $\frac{3}{8}$	4 $\frac{1}{2}$	6,8,9,10
10	9 $\frac{3}{4}$	8 $\frac{1}{4}$	13 $\frac{1}{2}$	2 $\frac{1}{8}$	2 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	11 $\frac{1}{4}$	$\frac{3}{4}$	2 $\frac{1}{4}$	5 $\frac{1}{8}$	5	8,9,10,12
12	11 $\frac{3}{4}$	9 $\frac{3}{4}$	16 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{3}{8}$	$\frac{7}{8}$	1 $\frac{1}{16}$	1 $\frac{3}{4}$	2 $\frac{1}{4}$	13 $\frac{3}{4}$	$\frac{3}{4}$	2 $\frac{3}{8}$	6 $\frac{1}{8}$	5 $\frac{3}{4}$	8,9,10,12,14,16,18
14	13 $\frac{3}{4}$	11 $\frac{3}{4}$	19 $\frac{1}{2}$	3 $\frac{1}{8}$	3 $\frac{1}{4}$	1 $\frac{1}{8}$	$\frac{7}{8}$	2	2 $\frac{1}{4}$	17	$\frac{3}{4}$	$\frac{3}{4}$	7 $\frac{3}{8}$	7	8,9,10,12,14,16,18
16	15 $\frac{3}{4}$	13 $\frac{3}{4}$	22 $\frac{1}{2}$	4	3 $\frac{1}{2}$	1 $\frac{1}{4}$	1	2 $\frac{1}{4}$	3	19 $\frac{3}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	8 $\frac{3}{8}$	8	8,10,12,14,16,18,20
18	17 $\frac{3}{4}$	15 $\frac{3}{4}$	24 $\frac{1}{2}$	4	4	1 $\frac{1}{2}$	1 $\frac{1}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{8}$	22 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	9 $\frac{3}{8}$	8 $\frac{3}{8}$	10,12,14,16,18,20,22,24,26
20	19 $\frac{3}{4}$	17 $\frac{3}{8}$	27	4 $\frac{1}{2}$	4 $\frac{1}{2}$	2	1 $\frac{1}{16}$	2 $\frac{3}{4}$	3 $\frac{1}{4}$	24 $\frac{15}{16}$	$\frac{3}{4}$	$\frac{3}{4}$	11 $\frac{1}{4}$	9	20,22,24
22	21 $\frac{3}{4}$	19 $\frac{1}{4}$	30 $\frac{1}{2}$	5 $\frac{1}{8}$	5	2	1 $\frac{1}{8}$	3	3 $\frac{3}{8}$	27 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	12 $\frac{1}{4}$	10 $\frac{1}{4}$	16,18,20,22,24,26
24	23 $\frac{3}{4}$	21 $\frac{1}{4}$	33 $\frac{1}{2}$	5 $\frac{7}{8}$	5 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{3}{16}$	3 $\frac{1}{2}$	4 $\frac{1}{8}$	30 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	13 $\frac{3}{8}$	11 $\frac{3}{8}$	14,16,18,20,22,24,26,28,30
30	29 $\frac{3}{4}$	26 $\frac{1}{2}$	41 $\frac{1}{2}$	6 $\frac{1}{4}$	5 $\frac{3}{4}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	4	4 $\frac{1}{4}$	38 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	14 $\frac{3}{8}$	14 $\frac{1}{4}$	20,22,24,26,28,30

*There may be a variance of up to 1/4" in all dimensions. Fluted columns available in 8", 10", 12", 14", 16" diameters only (Call for lengths). Plain ROUND PermaCast columns can be trimmed at least 24" with the following exceptions 6x6-8", 14x9-12", 16x8-16", 18x10-6"

ROUND & SQUARE PERMACAST LOAD BEARING SPECIFICATIONS Split columns are not load bearing

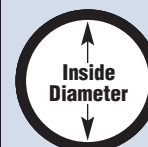
COLUMN DIAMETER	STRUCTURAL LOAD
6"	8,000 lbs. Max
8"	10,000 lbs. Max
10"	14,000 lbs. Max
12"	18,000 lbs. Max
14"	20,000 lbs. Max
16"	20,000 lbs. Max
18"	20,000 lbs. Max
20"	20,000 lbs. Max
22"	20,000 lbs. Max
24"	20,000 lbs. Max
30"	20,000 lbs. Max

ROUND PERMACAST INSIDE DIMENSIONS

Inside diameter may vary up to 1/8".

Splitting a column will decrease inside dimension 1/8".

COLUMN SIZE	TOP I.D.	BOT I.D.
6"	3 $\frac{3}{8}$ "	4 $\frac{7}{8}$ "
8"	5 $\frac{1}{2}$ "	6 $\frac{7}{8}$ "
10"	7 $\frac{3}{8}$ "	8 $\frac{7}{8}$ "
12"	8 $\frac{3}{8}$ "	10 $\frac{7}{8}$ "
14"	10 $\frac{3}{8}$ "	12 $\frac{7}{8}$ "
16"	12 $\frac{3}{8}$ "	15"
18"	14 $\frac{3}{8}$ "	16 $\frac{3}{8}$ "
20"	16 $\frac{3}{8}$ "	19"
22"	18 $\frac{3}{8}$ "	20 $\frac{3}{8}$ "
24"	20 $\frac{3}{8}$ "	22 $\frac{3}{8}$ "
30"	25 $\frac{1}{4}$ "	28 $\frac{1}{8}$ "



Architectural Accuracy

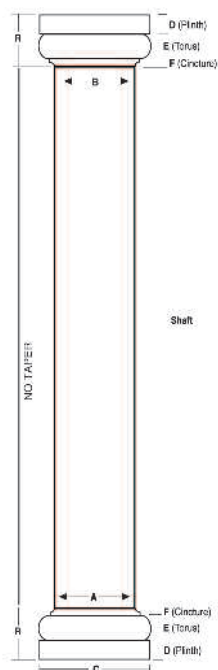
In the first century B.C., Vitruvius, a Roman architect and engineer, wrote what has become the most influential work on classic form. In it he elaborates on the discovery by the ancient Greeks of entasis, a gradual tapering of the upper two-thirds of the round column which offsets the undesirable illusion from eye level that the column shaft grows larger as it ascends. HB&G round columns hold true to this classic form.



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Round No-Taper **PERMA**Cast Columns



ROUND NO-TAPER PERMACAST COLUMN DIMENSIONS (IN INCHES)

COL. SIZE	A	B	C	D	E	F	R	LENGTH AVAIL
8	7 5/8	6 1/4	10 1/2	1 7/8	1 3/4	3/4	4 3/8	8,10,14
10	9 3/8	8 1/8	13 1/8	2 3/8	2 1/8	3/4	8 1/8	8,10,12,14
12	11 5/8	9 3/8	16 1/2	2 7/8	2 3/8	7/8	6 1/8	8,10,12
14	13 5/8	11 5/8	19 1/2	3 3/8	3 1/8	1 1/8	7 5/8	8,10,12,14
16	15 3/4	15 3/4	22 1/8	4	3 1/2	1 1/8	8 5/8	8,10,12,14,16,18,20
18	17 1/2	17 1/2	24 5/8	4	4	1 5/8	9 3/8	8,10,12,14,16,18,20

PermaCast No Taper column with Tuscan base and Tuscan base used as capital



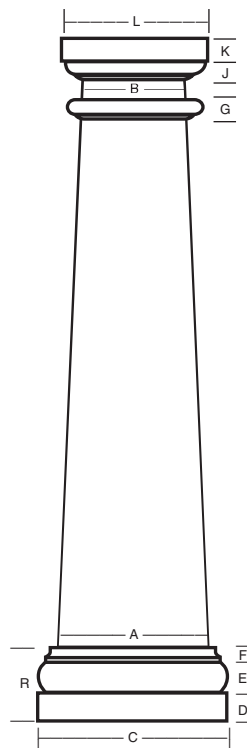
10" Round PermaCast Column with Tuscan Cap and Base

A tall, white, square column with a decorative capital and base, set against a brick wall and a dark doorway. A small potted plant is visible at the base of the column.

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CRAFTSMAN

PERMACAST COLUMN



CRAFTSMAN INSIDE DIAMETER

Inside diameter may vary up to 1/8".
Splitting a column will decrease inside
dimension 1/8".

Col Size	Top	Bottom
10" x 5.5'	4.5"	9"
12" x 10"	9"	11"
16" x 9"	8"	15"

CRAFTSMAN LOAD BEARING SPECIFICATIONS

(SPLIT COLUMNS ARE NOT LOAD BEARING)

Column Diameter	Structural Load
10" x 5.5'	10,000
12" x 10"	14,000
16" x 9"	14,000

	A	B	C	D	E	F	G	J	K	L	N	O	R	Lengths
10" x 5.5'	10"	5-1/5"	13"	2-1/2"	2-3/8"	1"	1"	1-3/8"	1-3/8"	9-5/8"	N/A	N/A	5-7/8"	66"
12" x 10"	12"	10"	16 8/16"	2-1/2"	2-1/2"	1-1/16"	1"	1-3/8"	1-3/8"	12 3/4"	N/A	N/A	6 1/16"	6', 8', 10'
16" x 9"	16"	9"	18-3/4"	2-1/2"	2-1/2"	1-1/16"	1"	1-3/8"	1-3/8"	13-1/4"	N/A	N/A	6-1/16"	58"
16" x 9'	16"	9"	19-1/16"	2-1/2"	2-1/2"	1-1/16"	1"	1-3/8"	1-3/8"	13-1/4"	N/A	N/A	6-1/16"	6', 8', 10'



Recessed Panel **PERMA**Cast Columns

RECESSED PANEL INSIDE DIAMETER

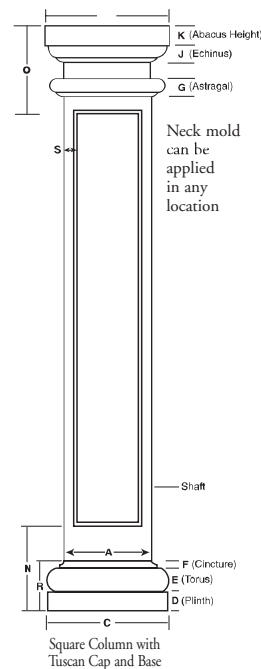
Inside diameter may vary up to 1/8".
Splitting a column will decrease inside
dimension 1/8".

Col Size	Inside
8"	5-5/8"
10"	7-1/2"
12"	9-1/2"
14"	11"

RECESSED PANEL LOAD BEARING SPECIFICATIONS

(SPLIT COLUMNS ARE NOT LOAD BEARING)

Column Diameter	Structural Load
8"	10,000
10"	14,000
12"	18,000
14"	20,000



SQUARE PERMACAST COLUMN DIMENSIONS (In Inches)

Column Size	A	C	D	E	F	G	J	K	L	N	O	R	S	Recess Depth	Lengths Available
8"	8"	11 1/8"	1 7/8"	1 3/4"	5/8"	1"	1 3/8"	1 3/8"	10 15/16"	12"	7"	4 1/4"	1 1/2"	1/2"	8,9,10,12
10"	10"	13 3/16"	2 1/4"	2 1/8"	3/4"	1 1/4"	1 1/4"	1 13/16"	12 3/4"	14 1/2"	8 1/2"	5 3/16"	1 1/8"	1/2"	8,9,10
12"	12"	16 9/16"	2 13/16"	2 3/8"	7/8"	1 1/4"	1 3/4"	2 1/16"	16 11/16"	18"	10 1/2"	6 1/16"	2 1/4"	3/8"	8,9,10,12,14
14"	14"	19 1/2"	3 1/2"	3"	1 1/8"	1 1/4"	1 3/4"	2 1/8"	16 3/4"	21"	12 1/4"	7 5/8"	2 5/8"	3/4"	8,10,12,14



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Ordering and Installation Tips:

CAPITALS AND BASES

Capitals and bases for PermaCast columns are decorative. The shaft fits through the center of the capital and base and does not alter the height of the shaft. Several options are offered for PermaCast columns.

TUSCAN CAPITAL AND BASE

The Tuscan style is standard and best compliments the PermaCast column. Tuscan is available for all ROUND and SQUARE PermaCast shafts.

ORNAMENTAL CAPITAL

Five styles of ornamental capitals are available for all ROUND AND SQUARE shafts. Nothing makes a statement like a PermaCast column with an ornamental capital.

Using an ornamental capital with a ROUND PermaCast shaft will alter the height of the shaft (see chart on page 32). Ornamental capitals do not alter the height of the shaft when used on a SQUARE PermaCast (see chart on page 32).

ATTIC BASE

Attic bases are used for a more ornate look and come in 2 pieces. The plinth (see DD dimension in chart below) and the torus (EE). The torus can be used without the plinth if desired.

COLONIAL CAPITAL AND BASE

Referred to as our "economy" capital and base the Colonial is approximately 1/2 the size as the Tuscan. It does not provide architecturally correct dimensions and should only be used when aesthetics are not a priority. Only available for ROUND PermaCast shafts 8" - 12".

FIBERGLASS BASE

The fiberglass base is manufactured from the same material as the shaft and available for ROUND PermaCast shafts 8" - 12" only. It is designed to be used in high traffic areas.

- When ordering an ornamental capital order the appropriate base for the column.
- Ornamental capitals for square PermaCast slide over the shaft and do not use a plug. These ornamental capitals will not lengthen or shorten the height of the column.
- Insure exact opening measurement prior to ordering column length.
- When installing a PermaCast column, insure concentric loading of column. 100% of bottom must contact substrate and 75% of top must contact soffit.
- When attaching hand rails or corner iron to PermaCast columns, holes must be pre-drilled before applying screws.
- When ordering panel molding for square PermaCast column, make sure to order enough for four sides of column.
- Do not paint PermaCast columns using dark colors (dark colors are considered any color that falls within the L value of 56 to 0). L is a measure of lightness of an object and ranges from 0 (black) to 100 (white).



Tuscan Cap



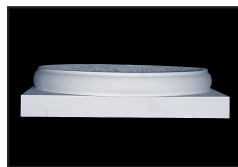
Colonial Cap



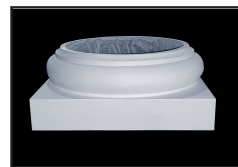
Attic Base



Tuscan Base



Colonial Base

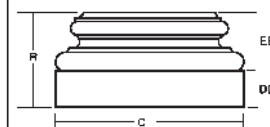


Fiberglass Base

Dimensions of Attic Bases for Round and Square Columns (Optional)

COLUMN SIZE	ROUND ATTIC				COLUMN SIZE	SQUARE ATTIC			
	C	DD	EE	R		C	DD	EE	R
6"	8 ⁵ / ₁₆	1 ³ / ₈	2 ³ / ₄	4 ¹ / ₈	6	8 ⁷ / ₁₆	1 ³ / ₈	2 ³ / ₄	4 ¹ / ₈
8"	10 ¹ / ₈	1 ⁷ / ₈	3 ¹ / ₄	5 ¹ / ₈	8	11	1 ⁷ / ₈	3 ¹ / ₄	5 ¹ / ₈
10"	13	2 ³ / ₈	3 ⁷ / ₈	6 ¹ / ₄	10	13 ⁵ / ₈	2 ³ / ₈	4	6 ³ / ₈
12"	16 ¹ / ₈	2 ³ / ₄	4 ¹ / ₂	7 ¹ / ₄	12	17	2 ³ / ₄	4 ¹ / ₂	7 ¹ / ₄
14"	19 ¹ / ₄	3 ³ / ₈	5 ³ / ₈	8 ³ / ₄	n/a	n/a	n/a	n/a	n/a
16"	21 ³ / ₄	3 ⁷ / ₈	6 ¹ / ₈	10 ¹ / ₈	16	22	3 ⁷ / ₈	6 ¹ / ₈	10 ¹ / ₈
18"	25 ¹ / ₄	4 ¹ / ₄	7 ³ / ₈	11 ³ / ₈	n/a	n/a	n/a	n/a	n/a
22"	30 ¹ / ₄	5 ¹ / ₄	9 ¹ / ₈	14 ³ / ₈	n/a	n/a	n/a	n/a	n/a

Attic Bases

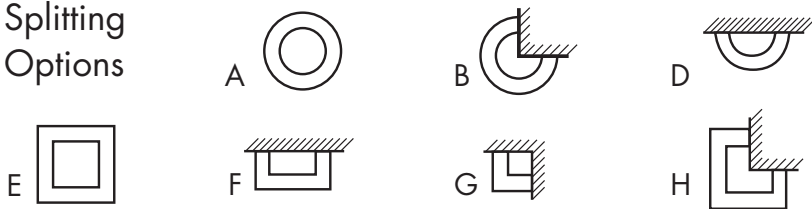


Split Column Kit

All factory split PermaCast columns are shipped with a split kit which includes; a 12 oz. tube of adhesive, zip tie straps, aluminum fastening plates, and all screws.

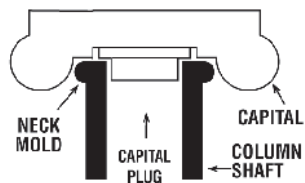


Splitting Options



8" - 12" Load Bearing Ornamental Capitals for ROUND PermaCast Columns

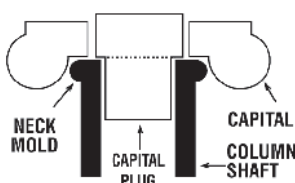
Adding a load bearing ornamental capital to a round PermaCast column will lengthen or shorten the overall height of the column depending on the height of the capital. Subtract the "I" dimension (from the dimensions chart in the Products Brochure) and add the height of the ornamental capital +/- 1/4" for overall column height.



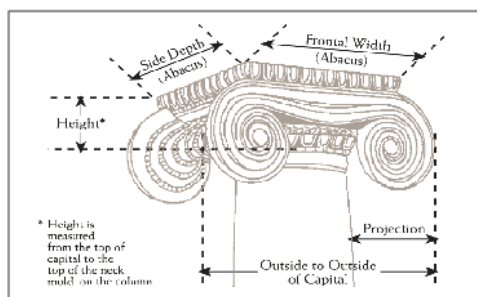
Section With Load Bearing Ornamental Capital

14" - 30" Ornamental Capitals for ROUND PermaCast Columns

Adding an ornamental capital to a round PermaCast column will lengthen or shorten the overall height of the column depending on the height of the capital. Subtract the "I" dimension (from the dimensions chart in the Products Brochure) and add the height of the ornamental capital +/- 1/4" for overall column height.



Section With Ornamental Capital



CAPITAL DIMENSIONS FOR ROUND AND SQUARE COLUMNS (In Inches)

Size of Columns (Diameter or Side of Base)		6"		8"		10"		12"		14"		16"		18"		22"		24"		30"	
		ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE	ROUND	SQUARE
Roman Ionic	O/S Dia	N/A	8 1/4	7 1/4	9 1/4	9	12 1/4	11 1/4	13 1/4	13	17 1/4	18 1/4	20 1/4	22 1/4	24 1/4	24 1/4	24 1/4	N/A	N/A	N/A	N/A
	Height	N/A	3 1/4	3 1/4	4	4 1/4	4 1/4	6 1/4	6 1/4	5 1/4	6 1/4	8 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	N/A	N/A	N/A	N/A
	Abacus	N/A	10 1/4	8 1/4	11 1/4	10 1/4	14 1/4	12 1/4	16 1/4	17 1/4	19 1/4	25 1/4	25 1/4	25 1/4	26 1/4	26 1/4	26 1/4	N/A	N/A	N/A	N/A
	Projection	N/A	3 1/4	3 1/4	3	4 1/4	4 1/4	5	6 1/4	7 1/4	8	8 1/4	11 1/4	10	9 1/4	10	9 1/4	N/A	N/A	N/A	N/A
	O/S to O/S	N/A	12 1/4	10 1/4	13 1/4	13 1/4	17 1/4	16 1/4	23 1/4	22 1/4	24 1/4	32 1/4	31 1/4	33 1/4	34	34	34	N/A	N/A	N/A	N/A
Greek Ionic*	O/S Dia	N/A	8 1/4	7	10	8 1/4	11 1/4	15 1/4	16 1/4	13 1/4	16 1/4	18 1/4	17 1/4	22 1/4	22 1/4	22 1/4	22 1/4	30 1/4	30 1/4	30 1/4	30 1/4
	Height	N/A	5 1/4	4 1/4	6 1/4	5 1/4	6 1/4	9 1/4	6 1/4	10	11	10 1/4	13 1/4	13 1/4	13 1/4	13 1/4	19 1/4	19 1/4	19 1/4	19 1/4	19 1/4
	Abacus	N/A	11	7 1/4	12 1/4	10 1/4	16	14 1/4	17 1/4	15 1/4	22 1/4	26 1/4	22	29	29	29	42 1/4	42 1/4	42 1/4	42 1/4	42 1/4
	Projection	N/A	4 1/4	3 1/4	4 1/4	5	6	7 1/4	7 1/4	6 1/4	10	10 1/4	9 1/4	15 1/4	14 1/4	19 1/4	19 1/4	19 1/4	19 1/4	19 1/4	19 1/4
	O/S to O/S	N/A	14 1/4	11 1/4	17 1/4	14 1/4	21	20 1/4	26 1/4	20 1/4	29 1/4	36 1/4	29	43 1/4	43 1/4	43 1/4	60 1/4	60 1/4	60 1/4	60 1/4	60 1/4
Temple of the Winds	O/S Dia	N/A	7 1/4	7 1/4	9 1/4	8 1/4	12 1/4	11	14 1/4	14 1/4	18 1/4	18 1/4	18 1/4	22 1/4	23 1/4	23 1/4	N/A	N/A	N/A	N/A	N/A
	Height	N/A	8 1/4	8	11 1/4	10 1/4	14 1/4	11 1/4	20	16 1/4	18 1/4	21 1/4	21 1/4	24 1/4	27 1/4	27 1/4	N/A	N/A	N/A	N/A	N/A
	Abacus	N/A	12	11 1/4	15 1/4	13 1/4	21 1/4	16 1/4	25 1/4	23 1/4	26 1/4	30 1/4	28 1/4	35	37 1/4	37 1/4	N/A	N/A	N/A	N/A	N/A
	Projection	N/A	4 1/4	5 1/4	5 1/4	6	8	7	9	10 1/4	11	9 1/4	11 1/4	14 1/4	16 1/4	16 1/4	N/A	N/A	N/A	N/A	N/A
	O/S to O/S	N/A	12	11 1/4	15 1/4	16 1/4	21 1/4	16 1/4	25 1/4	23 1/4	26 1/4	30 1/4	28 1/4	35	37 1/4	37 1/4	N/A	N/A	N/A	N/A	N/A
Roman Corinthian*	O/S Dia	N/A	7 1/4	6 1/4	10 1/4	8 1/4	13 1/4	11 1/4	14 1/4	13 1/4	17 1/4	19	18 1/4	21 1/4	24 1/4	24 1/4	N/A	N/A	N/A	N/A	N/A
	Height	N/A	10 1/4	8 1/4	13 1/4	11 1/4	17 1/4	16 1/4	20	17 1/4	23 1/4	26 1/4	26 1/4	31 1/4	34 1/4	34 1/4	N/A	N/A	N/A	N/A	N/A
	Abacus	N/A	13 1/4	12 1/4	18 1/4	14 1/4	22 1/4	18 1/4	26 1/4	23	32	37 1/4	38 1/4	40 1/4	45 1/4	45 1/4	N/A	N/A	N/A	N/A	N/A
	Projection	N/A	4 1/4	4 1/4	6	6 1/4	8 1/4	7 1/4	9	8 1/4	13 1/4	13	16 1/4	16	17 1/4	17 1/4	N/A	N/A	N/A	N/A	N/A
	O/S to O/S	N/A	13 1/4	12 1/4	18	14 1/4	22 1/4	18 1/4	26 1/4	23	32	37 1/4	38 1/4	40 1/4	45 1/4	45 1/4	N/A	N/A	N/A	N/A	N/A
Scamozzi	O/S Dia	N/A	7 1/4	6 1/4	10 1/4	9 1/4	11 1/4	11	14	13	16 1/4	16 1/4	19	22	25	32	32	46 1/4	46 1/4	46 1/4	46 1/4
	Height	N/A	3 1/4	3 1/4	5 1/4	4 1/4	5 1/4	5 1/4	6 1/4	5 1/4	7 1/4	8 1/4	8 1/4	10 1/4	11 1/4	15 1/4	15 1/4	15 1/4	15 1/4	15 1/4	15 1/4
	Abacus	N/A	11 1/4	9 1/4	16 1/4	14 1/4	18	16 1/4	21	18 1/4	23 1/4	26	28 1/4	32	35 1/4	46 1/4	46 1/4	46 1/4	46 1/4	46 1/4	46 1/4
	Projection	N/A	3 1/4	3 1/4	5 1/4	5 1/4	5 1/4	5 1/4	6	5 1/4	6 1/4	8 1/4	5 1/4	10 1/4	10 1/4	12 1/4	16 1/4	16 1/4	16 1/4	16 1/4	16 1/4
	O/S to O/S	N/A	11 1/4	10	16	14 1/4	18	16 1/4	21	18 1/4	23 1/4	26	28 1/4	32	35 1/4	46 1/4	46 1/4	46 1/4	46 1/4	46 1/4	46 1/4

*Not available for square fluted PermaCast **Load Bearing

ORNAMENTAL CAPITALS



Round Roman Ionic



Square Roman Ionic



Round Greek Ionic



Square Greek Ionic



Round Temple of the Winds



Square Temple of the Winds



Round Roman Corinthian



Square Roman Corinthian



Round Scamozzi



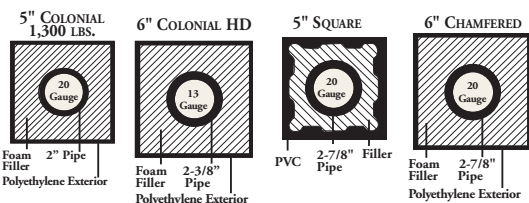
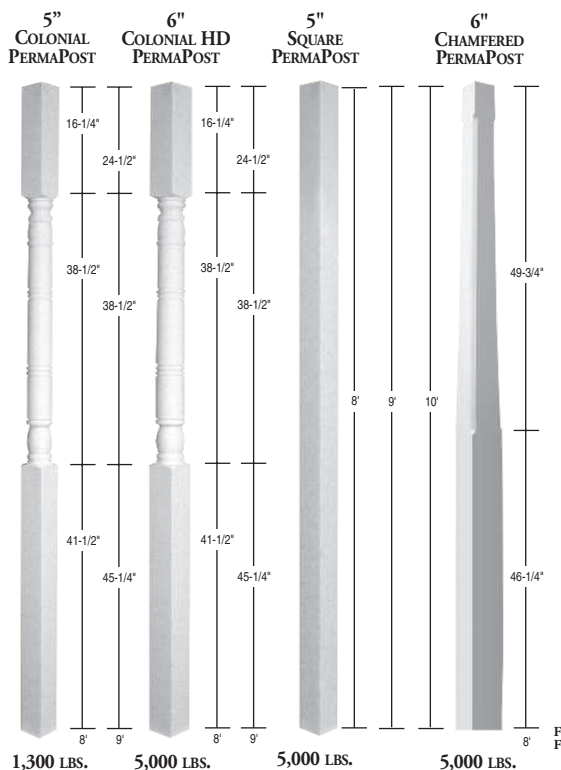
Square Scamozzi



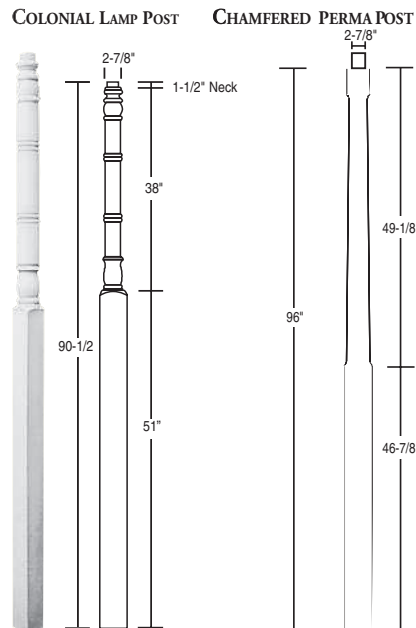
EL & EL Wood Products Corp.
Millwork that creates distinction.™

elandelwoodproducts.com

PermaPosts



Perma Lamp Posts

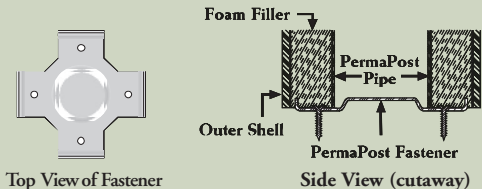


The Perma Lamp Post is an attractive way to light a drive or garden area. The pipe in the center is designed to allow a wire to be easily installed. The 2-7/8" pipe fits most outdoor lamp fixtures.

FASTENING SYSTEMS

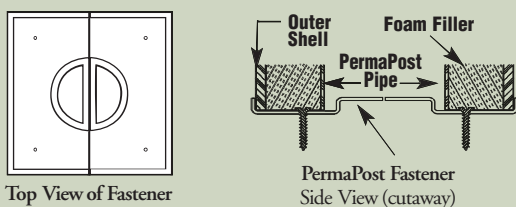
COLONIAL PERMAPOST

Two (2) Perma Post Fasteners are shipped with each colonial post.



SQUARE PERMAPOST

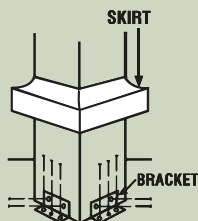
Two (2) PermaPost Fasteners are shipped with each post.



OPTIONAL

PERMAPOST FASTENING KITS

Each kit comes complete with skirt, brackets, and TapCon screws for wood or concrete substrates. Available for all PermaPost styles.



PermaPorch Ceiling

- Pre-finished
- Hidden Fastening (Blind Nail)
- Less Expansion/Contraction than Wood
- Can be Installed on 24" Centers
- 1 pc. = 4.75 sq. ft. of Coverage



PERMAPORCH CEILING MOLDING



2-1/16" x 1-3/8" x 12'



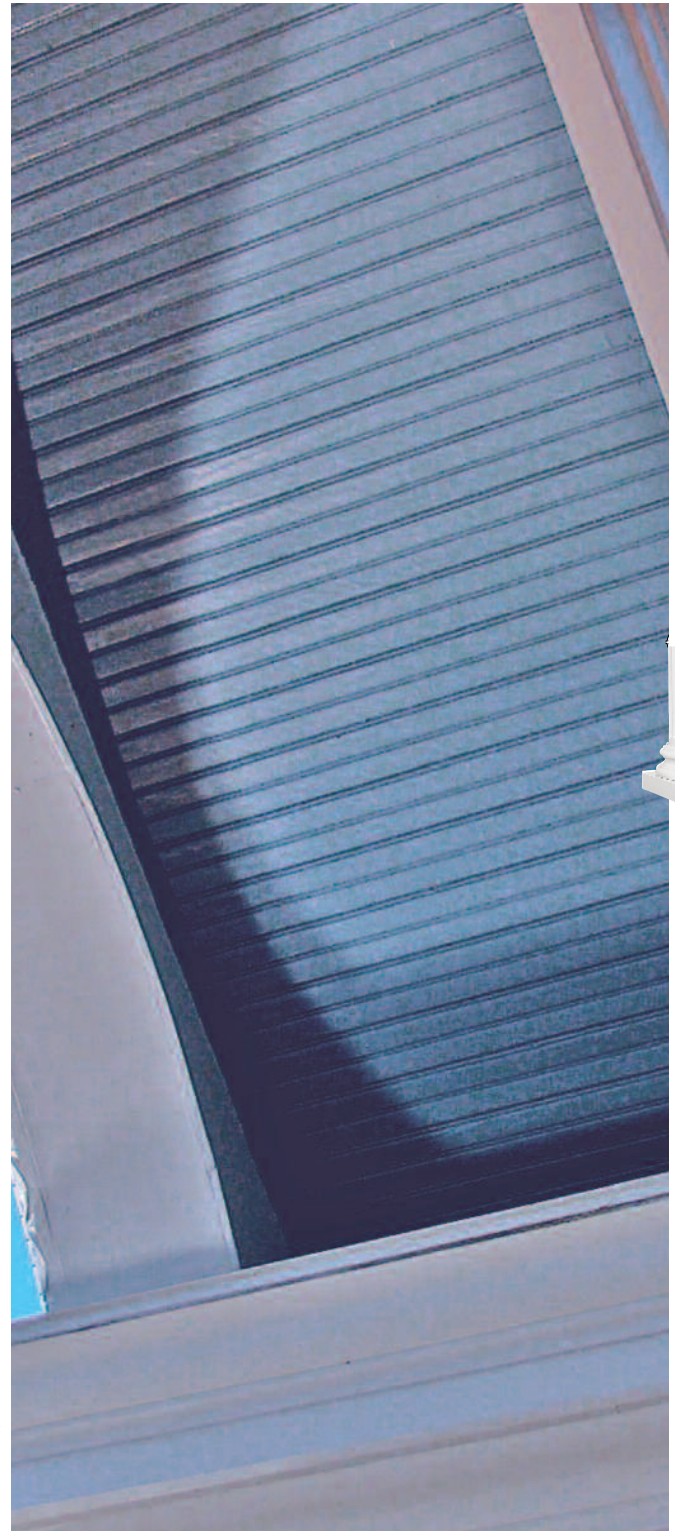
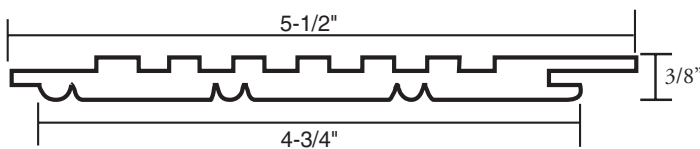
1-1/4" x 1-1/8" x 12'



1-1/2" x 1/4" x 12'

Pre-Finished

The PermaPorch Ceiling comes pre-finished white, ready to install in 12 ft. lengths. It can also be painted to match the look and feel of your home. Then, to finish it off, choose from a variety of ceiling moldings available.



Pre-built PermaPorch Railing

Pre-built PermaPorch Railings are available in a variety of styles to match your porch and deck design. The top and bottom rails are made of pre-finished weather resistant cellular PVC with a wood or aluminum insert.

Warranty

HB&G warrants that for 25 years the PermaPorch Railing is free from defects in material and workmanship. The factory applied top coat (paint) is warranted for 10 years.

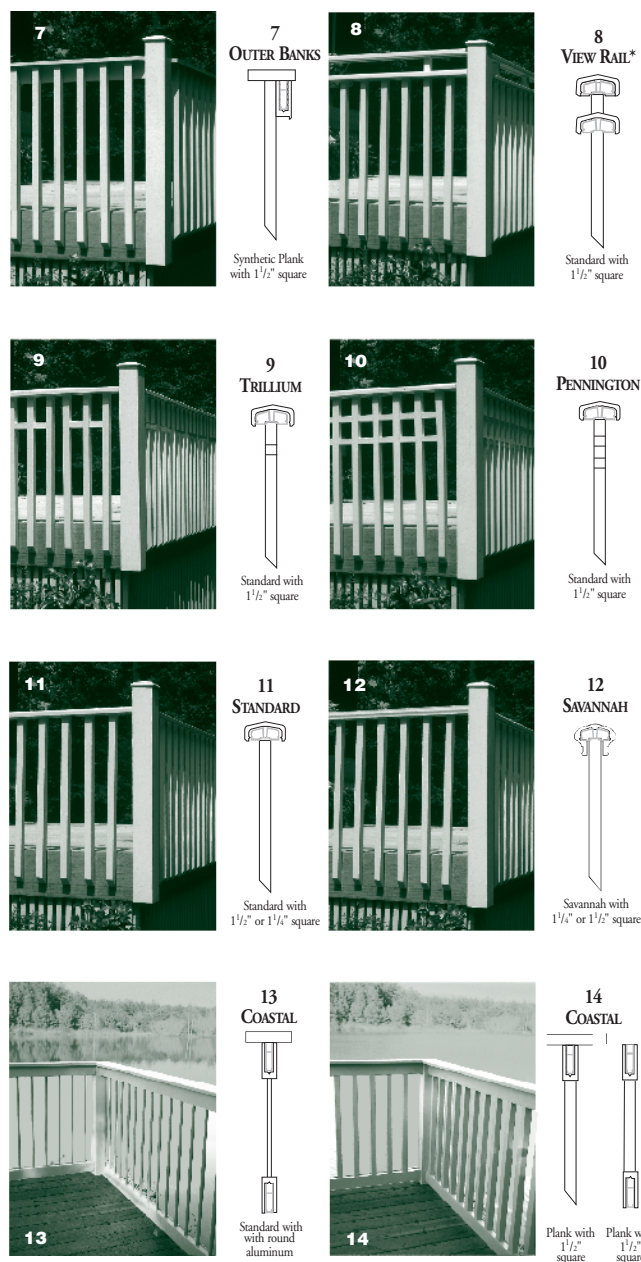
HB&G will repair or replace any PermaPorch Railing which has failed as a result of defective materials or workmanship of HB&G. Installation cost not included.

Porch Railing



All rail sections suitable with columns (as shown) or PermaPost

Deck Railing



Three Ways to Order the PermaPorch Railing...

1. PRE-BUILT SECTIONS

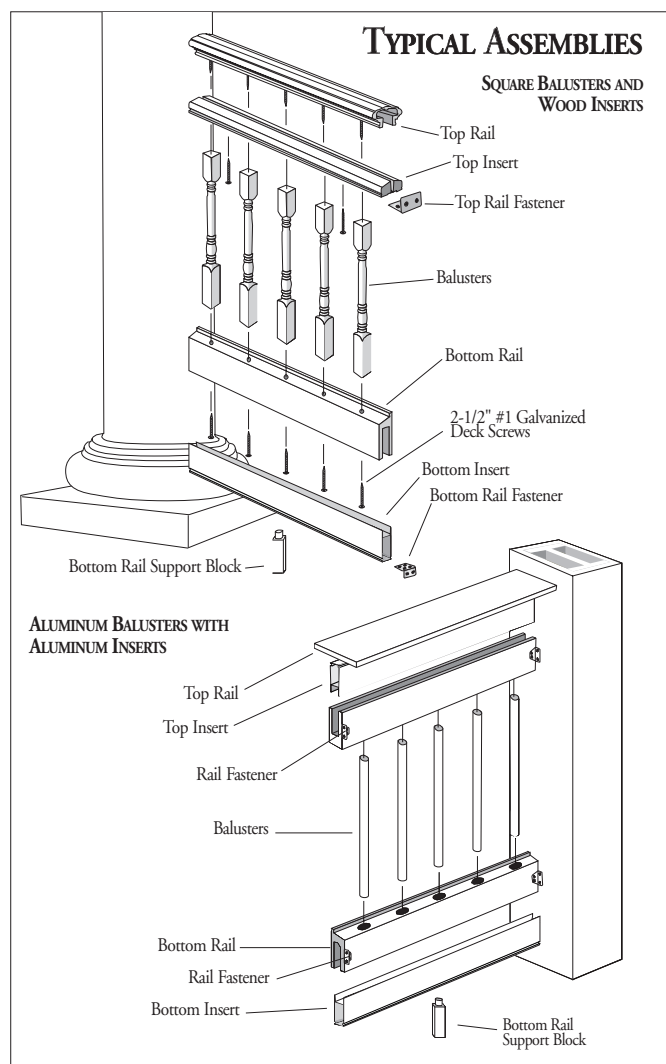
- Shipped factory assembled
- Easy to install
- Everything needed to install is included
 - How to order
 - Choose length – 4', 6', or 8' sections
 - Choose desired style from page 31
 - Note rail height (36" or 42")
 - Specify wood or aluminum insert
- Onsite trimming ensures exact fit

2. DO-IT-YOURSELF KIT

- Choose (8' Savannah or 8' Standard) top rail
- Kit contains top and bottom rail components, all hardware, and accessories
- Balusters sold separately 18 per carton (enough for 8' section)
- Can be used for stair rails
- How to order
 - Choose rail kit (Savannah or Standard)
 - Select baluster design (1 1/4" Square, 1 1/2" Square, and 1 1/2" Turned) and height (32" or 36")

3. INDIVIDUAL COMPONENTS

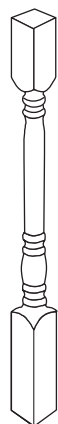
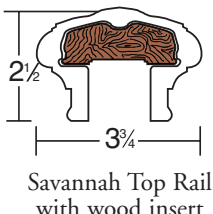
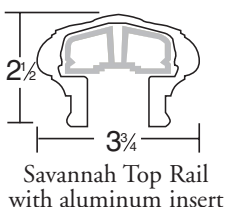
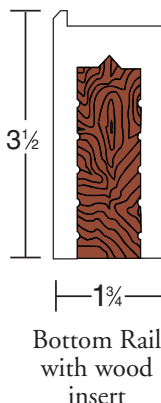
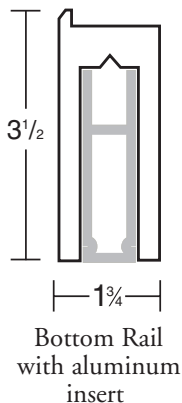
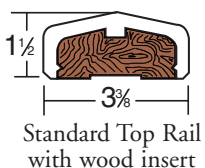
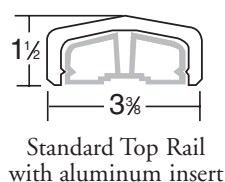
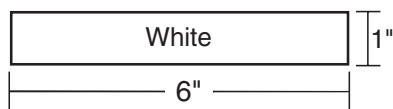
- Build your own design
- Mix and match components
- For a complete rail system you will need the following:
 - Top rail – standard or savannah
 - Top insert – wood or aluminum, 8', 10', 12'
 - Balusters – 28 7/8", 32", 36" and 10' (Balusters may need to be trimmed for desired rail height)
 - Bottom rail
 - Bottom insert – wood or aluminum, 8', 10', 12'
 - Support block
 - Fastening kit



	1-1/4" Square	1-1/2" Square	1-1/4" Deck	1-1/2" Deck	1-1/2" Turned	3/4" Alum. White
color	white	white	white	white	white	white
Standard	x	x	x	x	x	
Savannah	x	x	x	x	x	
Trillum		x		x		
Pennington		x		x		
View Rail	x	x	x	x	x	
Outerbanks	x	x	x	x	x	
Coastal		x		x		x



The top rail, bottom rail and balusters are available in pre-finished white. They are made from weather resistant cellular PVC. The balusters are also available in round aluminum.



1 1/2" Turned
32" & 36"



1 1/4" Square
28 7/8", 32",
36" & 10'



1 1/2" Square
32", 36"
& 10'



1 1/2" Square 38", 44"
with 45° end.



3/4" White
Aluminum
Baluster
28", 34"

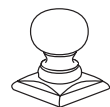


3/4" Black
Aluminum
Baluster
28", 34"



3/4" Driftwood
Aluminum
Baluster
28", 34"

NEWELS AND TOPS

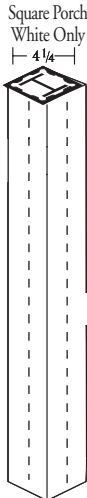
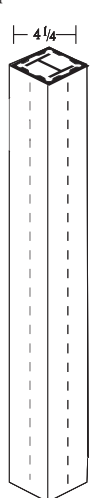


Poly Ball Top
Height 6"
Width at Base 4 7/8"

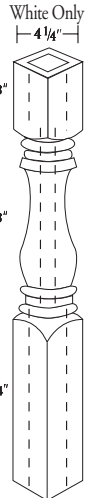


Poly Pyramid Top
Height 1 1/4"
Width at Base 4 7/8"

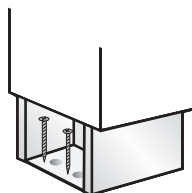
Square Deck - White



Chesterfield White Only



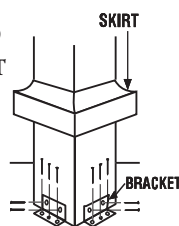
PERMA-SQUARE NEWEL FASTENING KIT



Fastening Kit included with every Aluminum Core Newel. Comes complete with screws and bolts for attaching to wood or concrete substrate.

CHESTERFIELD FASTENING KIT

Each kit comes complete with skirt, brackets, and TapCon screws for wood or concrete substrates.





PermaPost

Description

Dimensions are normal and may vary slightly.

- 5" Colonial posts are net 4"
- 6" Colonial posts are net 5"
- Chamfered posts are net 3-1/2" or 5-1/2"
- Square posts are net 1-1/4"
- Lamp posts can accommodate most outdoor lamp fixtures.

- 5" Colonial Lamp Post 4"
- 6" Chamfered Lamp Post Top-3-1/2" net Bottom- 5-1/2"

The Perma Post is composed of a polyethylene shell which surrounds a galvanized steel pipe (20 gauge for the 5" post, 13 gauge for the 6" post) and polyurethane foam filler. The 6" PermaPost is tested to carry a load of up to 5,000 lbs.. and the 5" post is rated at 1,300 lbs. (ASTM A500 (40 K.S.I.)

Warranty

HB&G warrants that for ten years the PermaPost porch or lamp post is free from defects in material and workmanship. Upon proper installation of the post, HB&G will replace any PermaPost which has failed as a result of defective material or workmanship. Installation cost not included.

Brackets

HB&G Brackets provide an inexpensive and low maintenance way to dress up your home.

Choose from a wide variety of styles. Brackets are made of polyurethane and can be used with either the PermaPosts or wood posts.

Enjoy a low-maintenance way to add style and decor to your front porch.



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