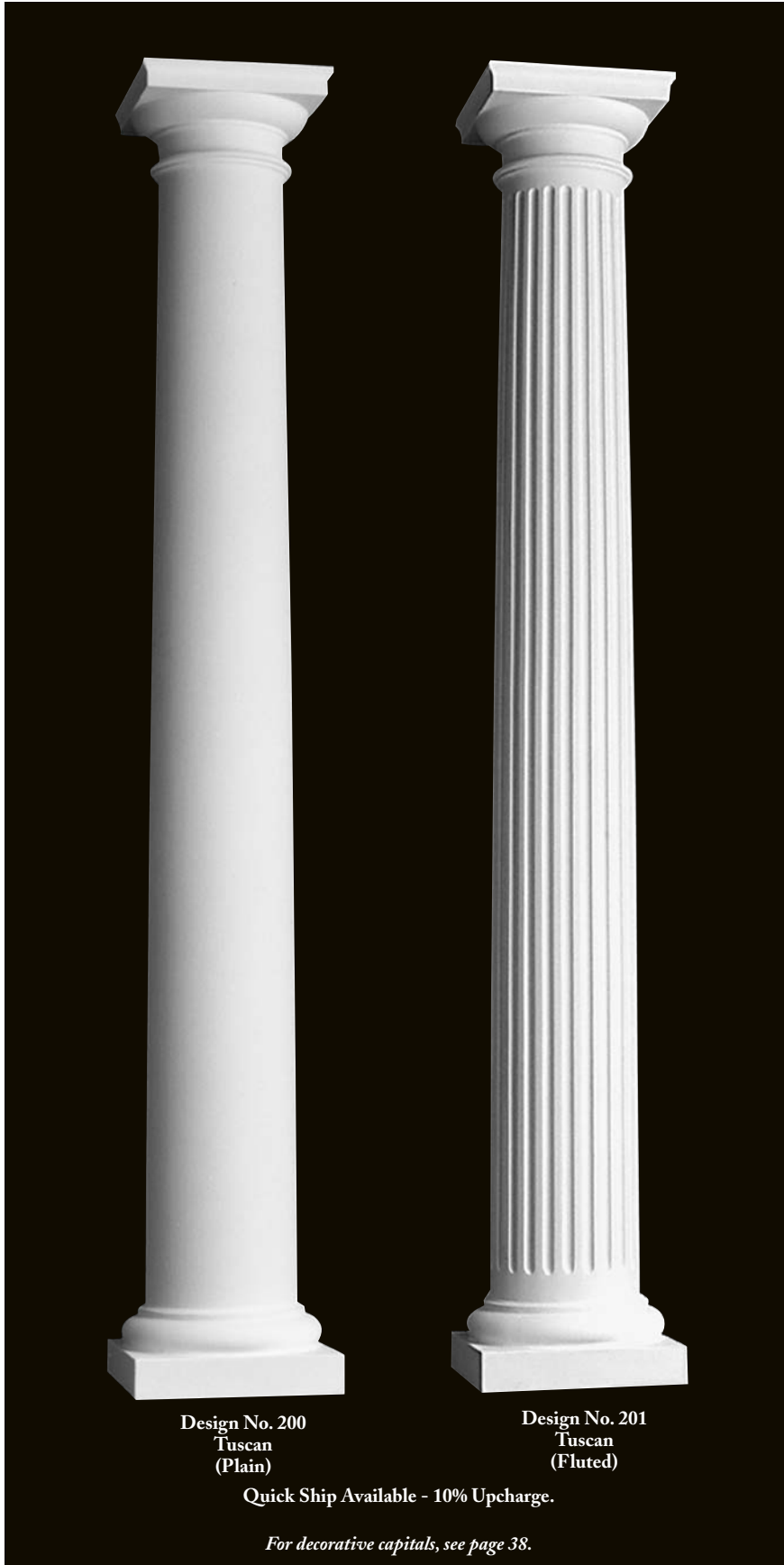


# POLYSTONE™ COLUMNS · COMPOSITE



## DESIGN

Chadsworth's PolyStone™ is the answer to those jobs when extra durability is needed. Because of their resistance to extreme weather conditions, PolyStone™ composite columns are an excellent choice for trellises, arbors, pergolas, porches and all exterior applications, especially those near water.

## CONSTRUCTION MATERIALS

Our PolyStone™ columns feature a true architectural taper (entasis) on select sizes and a classic bead. Columns measuring 6" x 8' through 16" x 18' are available plain or fluted and come standard with polyurethane capitals and bases. The large columns, 18" x 8' through 36" x 30', are available with plain shafts and come standard with polyurethane capitals and bases up to 26". Columns larger than 26" come with fiberglass capitals and bases. A polyurethane Ionic (Attic) or Doric base is optional for an upcharge.

## MANUFACTURING PROCESS

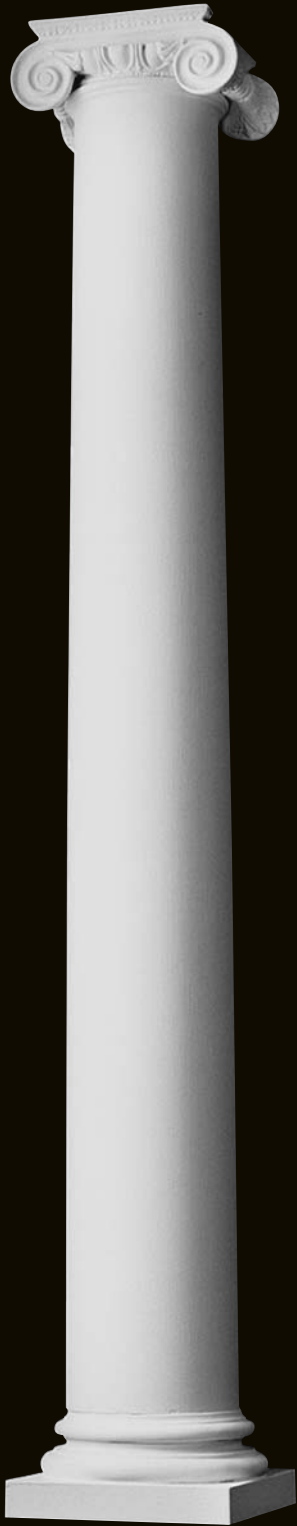
PolyStone™ columns are manufactured in a spin-cast process using existing molds or creating custom molds for your unique specifications. Mixtures of marble dust, polyresins, and fiberglass are poured into the molds and spun to make the form of the columns.

## CONSTRUCTION DETAILS

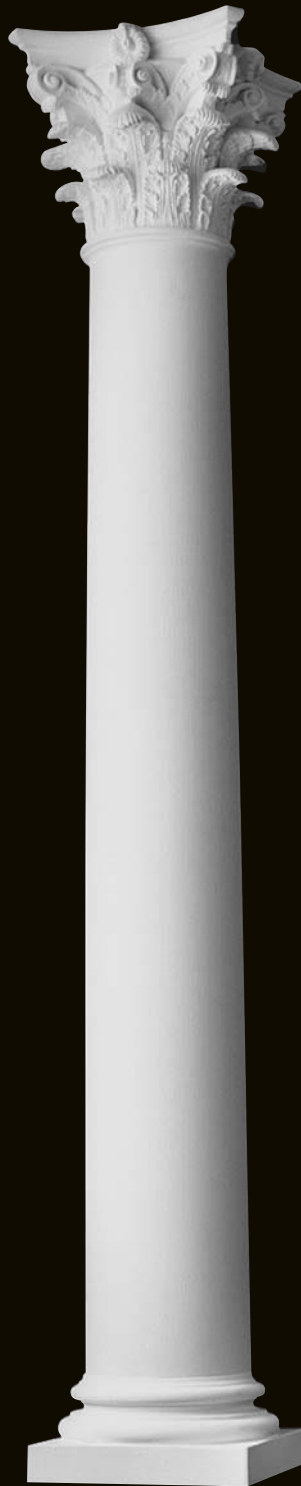
**Load-bearing Capacity** - Columns may be used for structural support as well as for decorative purposes. For this reason, you may want to know the amount of weight they will bear, referred to as load-bearing capacity. That capacity is directly related to the surface area of the material used, the length of the column and the compression strength of the material. The table on page 4 shows sample load-bearing capacities.

PolyStone™ columns can be easily cut down to your desired overall height.

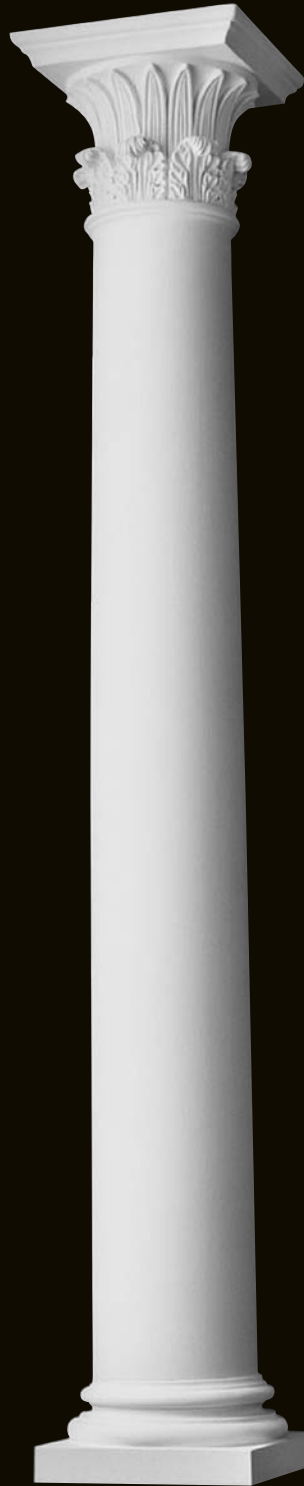
*POLYSTONE™ COLUMNS · COMPOSITE*



Design No. 228  
Roman Ionic  
(Plain)  
Ionic (Attic) Base



Design No. 220  
Roman Corinthian  
(Plain)  
Ionic (Attic) Base



Design No. 216  
Greek Corinthian  
(Temple of Winds)  
(Plain)  
Ionic (Attic) Base



Design No. 232  
Scamozzi  
(Plain)  
Ionic (Attic) Base

# POLYSTONE™ COLUMNS · COMPOSITE

## Type II Design Series 200 Round Tapered Columns

Orders under \$3,000 - add 5% handling.

Bottom Diameter x Height	Shaft Weight	Round Tapered	
		Plain	Fluted
6" x 8'	35	\$131	\$167
8" x 8'	65	142	181
8" x 9'	68	166	214
8" x 10'	76	164	207
10" x 8'	90	179	231
10" x 9'	95	217	281
10" x 10'	106	204	271
10" x 12'	115	253	353
12" x 8'	115	244	340
12" x 9'	120	286	341
12" x 10'	138	272	364
12" x 12'	148	332	428
12" x 14'	160	543	844
14" x 8'	122	591	752
14" x 10'	158	604	770
14" x 12'	187	654	839
14" x 14'	179	843	1,064
16" x 10'	242	727	887
16" x 12'	282	802	977
16" x 14'	266	864	1,286
16" x 16'	282	1,136	1,540
16" x 18'	317	1,476	1,660

For any size not shown on chart, please call sales office.

Prices subject to change without notice.



PHOTOGRAPHY: HART/COLLIER

## Type II Design Series 200 Round Tapered Columns

Orders under \$3,000 - add 5% handling.

Bottom Diameter x Height	Shaft Weight	Plain
		\$ 1,387
18" x 10'	315	1,464
18" x 12'	385	1,706
18" x 14'	460	1,765
18" x 16'	540	1,845
18" x 18'	620	2,002
18" x 20'	700	2,111
20" x 12'	475	1,851
20" x 14'	550	1,937
20" x 16'	650	2,097
20" x 18'	750	2,130
20" x 20'	850	2,235
20" x 22'	1000	2,323
20" x 24'	1150	2,432
22" x 14'	700	2,055
22" x 16'	825	2,139
22" x 18'	950	2,224
22" x 20'	1100	2,308
22" x 22'	1300	2,394
22" x 24'	1500	2,479
24" x 14'	900	2,260
24" x 16'	1100	2,601
24" x 18'	1250	2,942
24" x 20'	1400	3,089
24" x 22'	1600	3,446
24" x 24'	1800	3,802
24" x 26'	2000	4,119
26" x 20'	1300	4,337
26" x 22'	1450	4,495
26" x 24'	1600	4,654
26" x 26'	1750	4,811
28" x 20'	1450	4,824
28" x 22'	1600	5,141
28" x 24'	1750	5,537
28" x 26'	1950	5,854
28" x 28'	2100	6,249
30" x 20'	1700	5,232
30" x 22'	1900	5,866
30" x 24'	2100	6,420
30" x 26'	2300	6,895
30" x 28'	2600	7,450
30" x 30'	2800	8,004
32" x 20'	2200	7,869
32" x 22'	2400	8,262
32" x 24'	2600	8,654
32" x 26'	2800	9,046
32" x 28'	3000	9,438
32" x 30'	3200	9,830
34" x 20'	2500	8,293
34" x 22'	2700	8,685
34" x 24'	2900	9,077
34" x 26'	3200	9,469
34" x 28'	3400	9,862
34" x 30'	3700	10,254
36" x 20'	2800	8,826
36" x 22'	3000	9,218
36" x 24'	3200	9,611
36" x 26'	3500	10,003
36" x 28'	3800	10,395
36" x 30'	4000	10,787

Note: Fluted not available in these sizes.

### Column Dimensions (TUSCAN-IN INCHES)

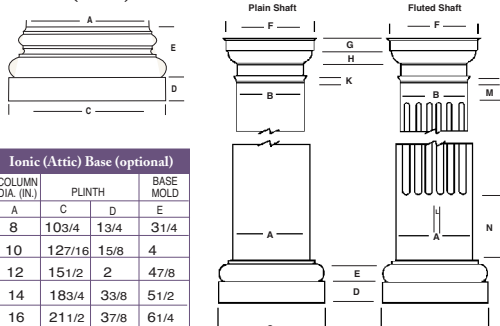
COLUMN DIA.	BOTTOM DIA.	TOP DIA.	PLINTH		BASE MOLD	SQUARE CAP		ROUND CAP	BEAD	FLUTE WIDTH	FLUTES BEGIN FROM TOP OF SHAFT	FLUTES BEGIN FROM TOP OF BASE	NO. FLUTES
			C	D		F	G						
6	5 5/8	5 1/2	8 1/4	1 1/2	1 3/4	7 1/8	1 1/8	5/8	1	5/16	1	10 3/4	16
8	7 5/8	6 1/2	10 1/4	1 7/8	2 3/8	9 9/16	1 3/8	1	1	11/16	1	10 3/4	24
10	9 5/8	8 1/2	12 7/8	2 3/8	2 7/8	11 7/8	1 3/4	1 1/4	1	7/8	1	10 3/4	24
12	11 5/8	10	15 1/4	2 3/4	3 1/4	14 1/2	2	1 3/8	1	1	1	10 3/4	24
14	13 5/8	12	18 3/4	3 3/8	4	17 1/4	2 3/8	1 5/8	1 1/8	1	1	10 3/4	24
16	15 5/8	13 1/2	21 1/2	3 7/8	4 1/2	19 1/4	2 3/4	1 7/8	1 1/4	1 1/4	1	10 3/4	24
18	17 5/8	15	24 1/8	4 5/16	5 1/2	21 1/4	3 1/4	2 1/4	1 3/8	N/A	N/A	N/A	N/A
20	20	17	27	4 3/4	6	24 1/8	3 1/2	2 7/16	1 1/2	N/A	N/A	N/A	N/A
22	22	18 1/2	29 3/4	5 1/4	6 7/8	26 1/2	3 3/4	2 1/2	1 1/4	N/A	N/A	N/A	N/A
24	24	20	32 1/2	5 3/4	7 1/2	28 3/4	4 1/8	2 3/4	1 3/4	N/A	N/A	N/A	N/A
26	26	22	35	6 1/4	8 3/8	31 1/2	4 3/8	3	2	N/A	N/A	N/A	N/A
28	28	23 1/2	38	6 3/4	8 3/4	33 3/8	4 3/4	3 1/4	2 1/8	N/A	N/A	N/A	N/A
30	30	25	40 1/2	7 1/4	9 1/4	35 3/4	5 1/8	3 1/2	2 1/4	N/A	N/A	N/A	N/A
32	32	27	43 3/8	7 3/4	10	37 5/8	5 1/2	3 3/4	1 7/8	N/A	N/A	N/A	N/A
34	34	28 1/2	46	8 1/4	10 7/8	41	5 3/4	3 7/8	2	N/A	N/A	N/A	N/A
36	36	30	48 3/4	8 3/4	11 3/8	42 3/4	6 1/4	4 1/4	2	N/A	N/A	N/A	N/A

All columns have a 1/8" tolerance on all dimensions.

### Load-bearing Capacity, Wall Thickness & Interior Clearance

BOTTOM DIA.	WALL THICKNESS	LOAD (LBS)	INTERIOR ROUND CLEARANCE	INTERIOR SQUARE CLEARANCE
8"	1/4-3/8"	10,000	5 1/8"	3 13/16"
10"	1/4-3/8"	14,000	6 7/8"	5"
12"	1/4-3/8"	18,000	8 1/4"	6"
14" to 10'	5/8"	20,000	9 3/4"	7"
16" to 12'	5/8"	22,000	11 5/8"	8 3/8"
16" over 12'	5/8"	22,000	11 5/8"	8 3/8"

### Ionic (Attic) Base



COLUMN DIA. (IN.)	PLINTH			BASE MOLD
	A	C	D	
8	10 3/4	13 4	3 1/4	3 1/4
10	12 7/16	15/8	4	
12	15 1/2	2	4 7/8	
14	18 3/4	3 3/8	5 1/2	
16	21 1/2	3 7/8	6 1/4	

# POLYSTONE™ PILLARS • COMPOSITE

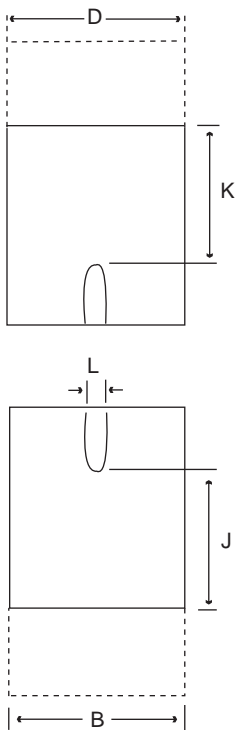
## Type II Design Series 200 Pillars

Orders under \$3,000 - add 5% handling.

Diameter x Height	Weight (lbs.)	Square Plain	Square Fluted
6" x 8'	100	187	N/A
6" x 9'	125	205	N/A
6" x 10'	150	225	N/A
8" x 8'	130	245	393
8" x 9'	150	260	427
8" x 10'	173	287	465
10" x 8'	160	317	508
10" x 9'	183	344	558
10" x 10'	215	382	608
10" x 12'	251	396	N/A
12" x 8'	285	403	617
12" x 9'	299	445	686
12" x 10'	318	488	756
12" x 12'	334	524	863



PHOTOGRAPHY: MICHAEL MCKELVEY



DIMENSIONS (IN INCHES)

SIZE (IN INCHES)	LOAD BEARING CAPACITY (IN LBS.)
8	10,000
10	10,000
12	10,000

COLUMNS TO SURROUND STRUCTURAL SUPPORTS DIMENSIONS (IN INCHES)

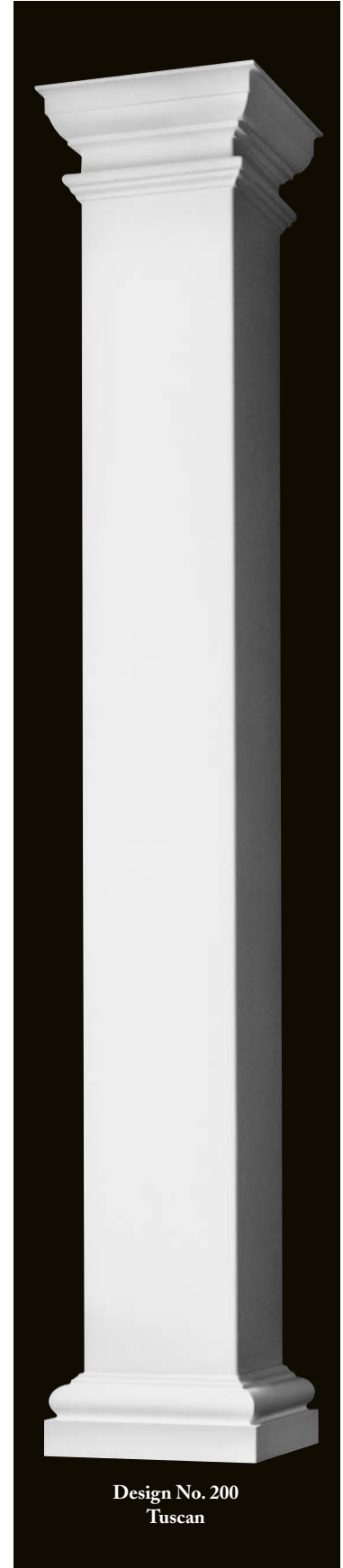
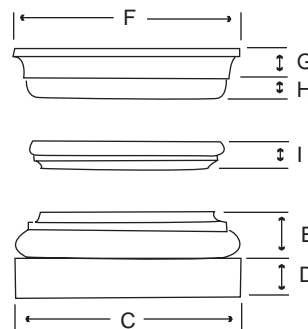
SIZE	MAXIMUM ROUND SUPPORT PLAIN (P)	MAXIMUM SQUARE SUPPORT PLAIN (P)	MAXIMUM ROUND SUPPORT FLUTED (F)	MAXIMUM SQUARE SUPPORT FLUTED (F)
8	7	4	4 1/2	*
10	7 1/2	5	6 1/2	4
12	9	6	8	5

DIMENSIONS (IN INCHES)

SIZE	BOTTOM WIDTH	TOP WIDTH	FLUTE WIDTH	TOP FLUTE	BOTTOM FLUTE	NO. FLUTES
	A	B	L	K	J	
8	7 1/2	7 1/2	11/16	1	10 3/4	24
10	9 1/2	9 1/2	7/8	1	10 3/4	24

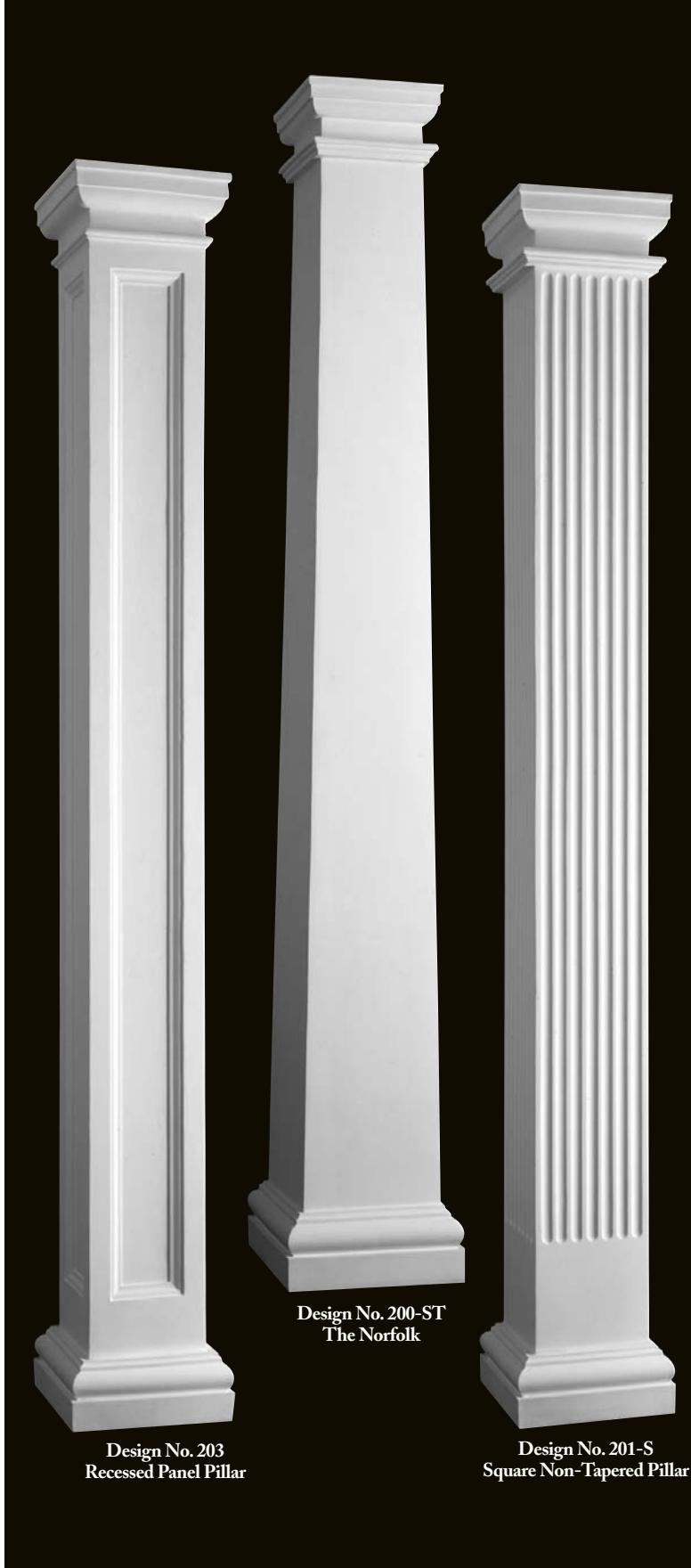
SPECIFICATIONS FOR TUSCAN CAPITAL, BASE & ASTRAGAL (IN INCHES)

SIZE	BASE			CAPITAL			ASTRAGAL
	PLINTH		MOLDING	SQUARE		ROUND	
	C	D	E	F	G	H	I
6	8 1/4	1 1/2	1 3/4	7 5/8	1 1/8	5/8	1
8	10 1/4	1 7/8	2 3/8	10 1/4	1 3/8	1	1
10	12 3/4	2 3/8	2 7/8	12 3/4	1 3/4	1 1/4	1
12	15 1/4	2 7/8	3 3/8	15 1/4	2	1 3/8	1



Design No. 200  
Tuscan

# PREMIER CUSTOM COLLECTION • POLYSTONE™



Design No. 203  
Recessed Panel Pillar

Design No. 200-ST  
The Norfolk

Design No. 201-S  
Square Non-Tapered Pillar

### *The PolyStone™ Recessed Panel Pillar*

The Recessed Panel Pillar is a traditional design element. It has sharp, crisp detail and is made to last a lifetime. It adds uncompromising style to any home at a great price.

### *The PolyStone™ Norfolk*

The PolyStone™ Norfolk is simply *made* for Craftsman Designs! Perfect for the craftsman style house, the Norfolk is now available in several sizes. The 4' Norfolk, used on a stone pedestal, enhances the look of a Craftsman House front porch.

### *The PolyStone™ Square Non-Tapered Pillar*

The Square Non-Tapered Pillar is available with a plain or fluted shaft and is architecturally correct with superb detailing. Designed with the timeless principles of tradition in mind, the Square Non-Tapered Pillar may be used with pilasters in an entrance hall.



PHOTOGRAPHY: ADAMS & FAITH

# PREMIER CUSTOM COLLECTION · POLYSTONE™

Column Size	Load Bearing Capacity	Price
<b>Belley</b>		
10" x 8' (12" Middle)	10,000	\$ 320
<b>Square Recessed Panel</b>		
8" x 8" x 8'	10,000	\$ 270
8" x 8" x 10'	10,000	317
10" x 10" x 8'	14,000	357
10" x 10" x 10'	14,000	416
<b>Square Non-Tapered</b>		
8" x 8" x 8' Fluted	10,000	\$ 264
8" x 8" x 10' Fluted	10,000	317
10" x 10" x 8' Fluted	14,000	357
10" x 10" x 10' Fluted	14,000	416
16" x 16" x 10' Plain	18,000	1,028
16" x 16" x 12' Plain	18,000	1,146
16" x 16" x 20' Plain	18,000	2,041
<b>Square Tapered</b>		
9" x 9" x 4' Plain	5,000	\$ 213
10" x 10" x 7' Plain	10,000	249
14" x 14" x 9' Plain	10,000	460
16" x 16" x 5' Plain	10,000	454
<b>Knee Wall</b>		
8" x 5' 6" Plain	10,000	\$ 182
8" x 5' 6" Fluted	10,000	215
10" x 6' 4" Fluted	14,000	256
18" x 6' 4" Plain	20,000	1,137
<b>Round Non-Tapered</b>		
8" x 8' Plain	10,000	\$ 179
10" x 4' Plain	14,000	148
10" x 8' Plain	14,000	229
10" x 10' Plain	14,000	303
12" x 10' Plain	18,000	474
14" x 12' Plain	20,000	1,031
18" x 20' Plain	20,000	2,447
20" x 12' Plain	20,000	2,041

### *The PolyStone™ Belley Column*

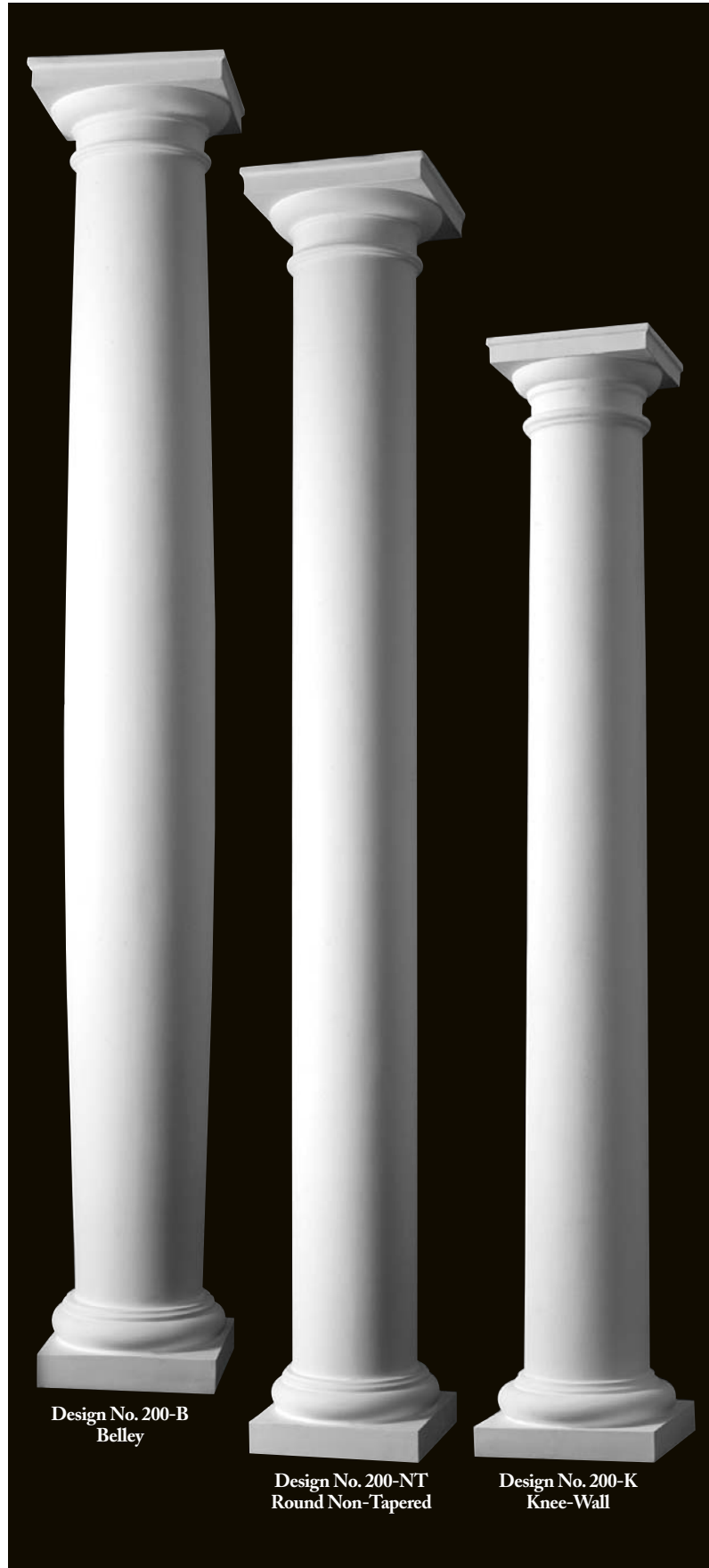
The Belley Column tapers from the top and from the bottom to a graceful bell curve in the middle. This unique column works well with Spanish style architecture whether used on the interior or exterior of the home.

### *The PolyStone™ Round Non-Tapered Column*

This "mirror image" column has clean contemporary lines and works well with any decor, from classic to Art Deco. They offer a look that is beautiful, but never boring!

### *The PolyStone™ Knee-Wall Column*

These load-bearing columns are perfect for porches, or separating a room with flair. Remember, columns add weight without mass, so they can be used to divide areas in your home, without "walling off" the entire space. Unlike a wall they let light into a room and give it a feeling of openness.

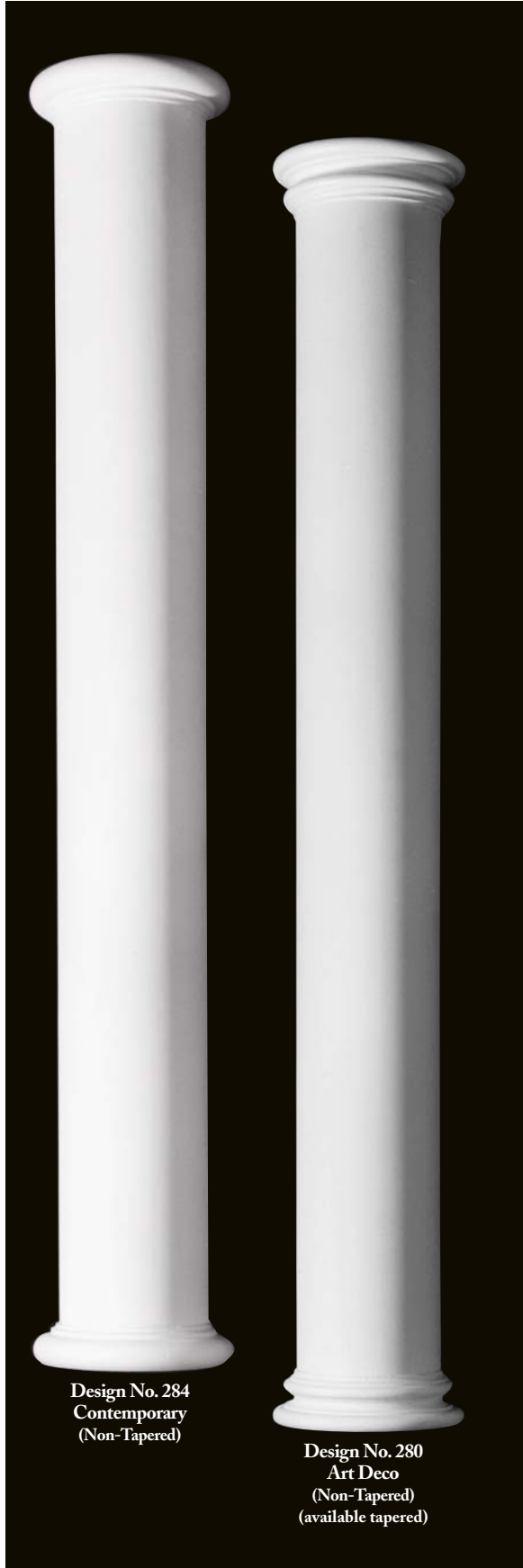


Design No. 200-B  
Belley

Design No. 200-NT  
Round Non-Tapered

Design No. 200-K  
Knee-Wall

# PREMIER CUSTOM COLLECTION • POLYSTONE™



Design No. 284  
Contemporary  
(Non-Tapered)

Design No. 280  
Art Deco  
(Non-Tapered)  
(available tapered)

## The PolyStone™ Contemporary Column

The PolyStone™ Contemporary Column is available with a non-tapered shaft. They are simple, yet beautiful, with emphasis on superb styling, from the mirror-image capital at the top to the base molding at the bottom.

## The PolyStone™ Art Deco Column

Though the Art Deco style was influenced by “modernism”, it also took some ideas from the ancient geometrical design styles from Egypt, Assyria and Persia. The PolyStone™ Art Deco Column uses the geometrical order and is simple in format. It works equally well with traditional or modern decor.

PolyStone™ Art Deco & Contemporary			
Size	Shaft Weight (lbs.)	Art Deco	Contemporary
8" x 8'	65	\$ 203	\$ 195
8" x 10'	75	219	211
10" x 8'	90	254	241
10" x 10'	106	273	260
12" x 8'	115	318	291
12" x 10'	138	367	340
12" x 12'	148	443	415
14" x 8'	122	891	953
14" x 10'	158	919	981
14" x 12'	187	975	1,037
14" x 14'	266	1,242	1,305

Cast Fiber (more like shaft material) capital & base sets available for an additional charge.  
Other sizes available.  
Prices subject to change without notice.



PHOTOGRAPHY: PHILLIP ENNIS