

LIGHTWEIGHT FIBERGLASS COLUMNS EASILY HANDLE THE LOAD

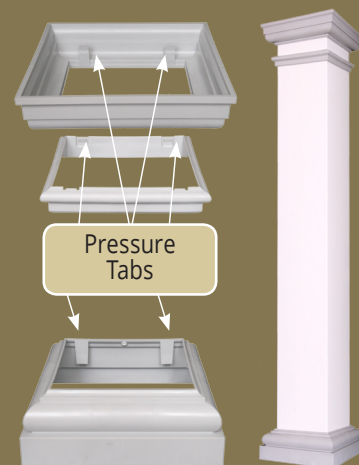
Sometimes the most beautiful solutions are the most simple. Poly-Classic® DuraGlass™ square columns from Turncraft offer the classic beauty that homeowners and commercial property owners appreciate. Made from lightweight fiberglass, these columns are easy to cut, easy to install, and strong enough to carry heavy loads. Like other Poly-Classic® columns, DuraGlass™ columns are decay resistant and require little maintenance.

PLAN TYPES

Poly-Classic® Duraglass™ Columns are available in the following plan types. Please specify when you order. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc.)



TimeSaver cap and base made exclusively for our 8" DuraGlass™ square column. Our TimeSaver cap and base offers the easiest and quickest installation in the industry.



Customers claim: "The TimeSaver cap and base has cut our installation time in half."

DURAGLASS™ NON-TAPERED SQUARE COLUMNS

Column nominal width †	Shaft height (A)	Shaft bottom †		Shaft top		Space available inside shaft		Load capacity
		Outside width (B)	Inside width (C)	Shaft neck ‡ (E)	Astragal ring (D)	For round support	For square support	
8"	6'	7 5/8"	7 1/8"	4 1/2"	3/4"	6 3/4"	6 3/4"	5,000lb.
	8'							
	9'							
	10'							
	12'							
10"	6'	9 5/8"	9 1/8"	5"	3/4"	8 3/4"	8 3/4"	6,000lb.
	8'							
	9'							
	10'							
	12'							
12"	6'	11 5/8"	11 1/8"	5 1/2"	3/4"	10 3/4"	10 3/4"	7,000lb.
	8'							
	9'							
	10'							
	12'							
16"	8'	15 7/8"	15 1/8"	7 5/8"	1"	14 3/4"	14 3/4"	20,000lb.
	10'							
	12'							
	14'							
	16'							
	18'							
	20'							

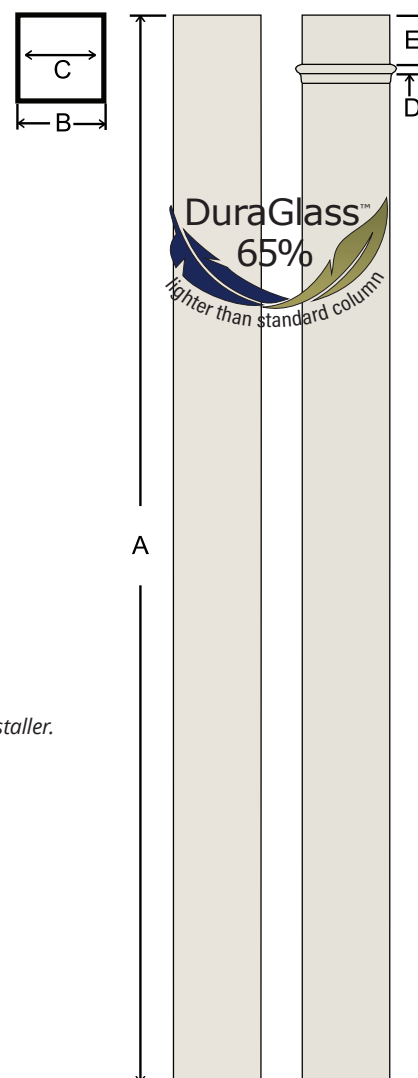
† Actual shaft net widths may vary from nominal size shown.

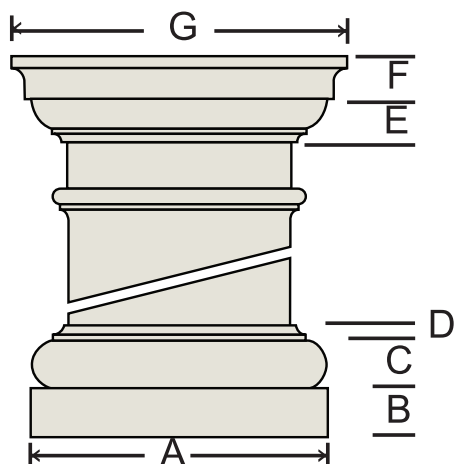
‡ Necking is shipped loose for pultruded columns. Spacing shown is typical, but may be adjusted by the installer.

The "Space Available Inside Shaft" measurements are calculated at the top inside width (with 3/8" to 3/4" tolerance), when using Tuscan caps.

When composite ornamental capitals are used, the neck sleeve will reduce the inside available space significantly. If the column will not be required to carry a load, it may be possible for the installer to modify or remove the neck sleeve to allow more interior space. Please contact Turncraft Customer Service for more information.

These measurements are provided to assist in determining the correct column width to go around a load bearing post or lally column, or for clearance for water downspouts, conduits, etc.





ABS/FG TUSCAN CAP/BASE FOR SQUARE NON-TAPERED COLUMNS

Column width	Tuscan Base					Tuscan Cap						Material
	Plinth		Torus		Total height	Astragal		Echinus	Abacus		Total height	
	(A)	(B)	(C)	(D)	(B-D)	Height	Neck *	(E)	(F)	(G)	(E-F)	
8"	10 ⁹ / ₁₆ "	1 ³ / ₄ "	1 ⁵ / ₈ "	1/2"	3 ⁷ / ₈ "	1 1/2"	1 ³ / ₄ "	1 ⁵ / ₁₆ "	1 ³ / ₈ "	10 ¹¹ / ₁₆ "	2 ¹¹ / ₁₆ "	ABS
10"	13 ¹ / ₈ "	1 ¹¹ / ₁₆ "	1 ⁵ / ₈ "	3/8"	3 ¹¹ / ₁₆ "	1 1/2"	1 1/2"	1 ³ / ₈ "	1 ⁷ / ₁₆ "	12 1/2"	2 ¹³ / ₁₆ "	Fiberglass

POLYURETHANE CAP/BASE FOR SQUARE NON-TAPERED COLUMNS

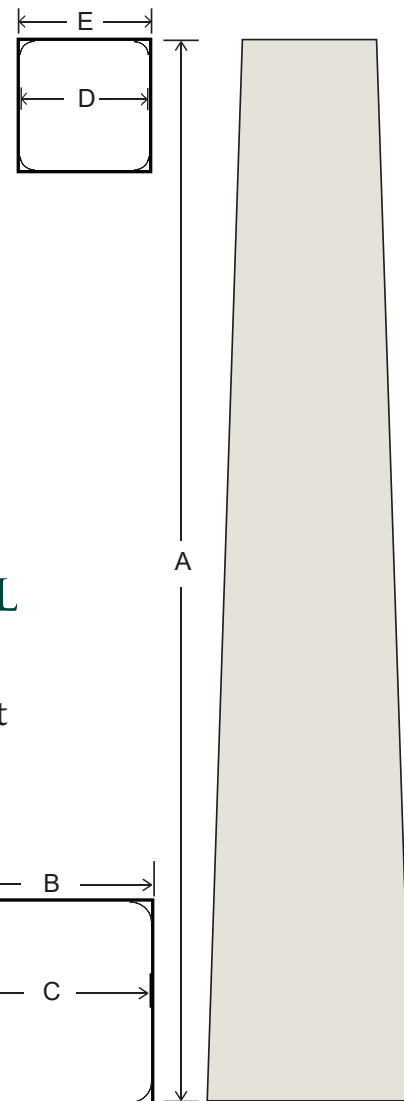
Column width	Tuscan Base					Tuscan Cap						Material
	Plinth		Torus		Total height	Astragal		Echinus	Abacus		Total height	
	(A)	(B)	(C)	(D)	(B-D)	Height	Neck *	(E)	(F)	(G)	(E-F)	
6"	8"	1 1/2"	1 1/4"	1/2"	3 1/4"	1 1/2"	1 ³ / ₁₆ "	1"	1 1/8"	8 ³ / ₈ "	2 1/8"	Polyurethane
8"	11 ³ / ₈ "	1 ⁷ / ₈ "	1 ³ / ₄ "	5/8"	4 1/4"	1 1/2"	1 ³ / ₄ "	1 ⁵ / ₁₆ "	1 ³ / ₈ "	11 1/4"	2 3/4"	Polyurethane
10"	13 1/2"	2 ³ / ₈ "	2 1/8"	3/4"	5 1/4"	1 1/2"	1 1/2"	1 ¹³ / ₁₆ "	1 3/4"	13 1/4"	3 ⁹ / ₁₆ "	Polyurethane
12"	17"	2 ³ / ₄ "	2 ³ / ₈ "	7/8"	6"	1 7/8"	5/8"	1 7/8"	2"	17 1/4"	3 7/8"	Polyurethane
14"	18 ¹³ / ₁₆ "	3 ³ / ₈ "	2 ¹⁵ / ₁₆ "	1 1/16"	7 ³ / ₈ "	1 7/8"	2 ³ / ₁₆ "	2 1/2"	2 ⁵ / ₁₆ "	18 ¹¹ / ₁₆ "	4 ¹³ / ₁₆ "	Polyurethane

* Installer applies the astragal. They can place this as desired. The dimension shown here matches the round FRP columns. Necking provided with fiberglass or polyurethane cap and base are made of pultruded fiberglass. ABS or fiberglass cap/base are standard for 8" and 10" columns, respectively. Polyurethane cap and base sets (below) are made available in all sizes so materials will match when a customer orders different widths of columns.

As an option, the no-taper cap and base sets from the Craftsman column line can also be used with the 8" and 10" DuraGlass columns. Contact Turncraft Architectural for customized Craftsman cap/base to fit 6" and 12" to 16" columns.

DURAGLASS™ TAPERED BUNGALOW COLUMNS

Column nominal width	Shaft height	Shaft bottom		Shaft top		Space available inside shaft:	
		Outside width	Inside width	Outside width	Inside width	For round support	For square support
	(A)	(B)	(C)	(E)	(D)		
10"	5'	9 5/8"	9"	5 5/8"	5"	4 1/2"	4 1/2"
	6'						
	8'						
	10'						
12"	5'	11 5/8"	11"	7 5/8"	7"	6 1/2"	6 1/2"
	6'						
	8'						
	10'						
16"	5'	15 5/8"	15"	11 5/8"	11"	10 1/2"	10 1/2"
	6'						
	8'						
	10'						



PLAN TYPES

Poly-Classic® Duraglass™ Columns are available in the following plan types. Please specify when you order. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc.)



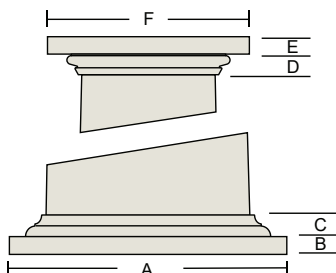
STRUCTURAL (10,000 lb)

Made from lightweight pultruded fiberglass



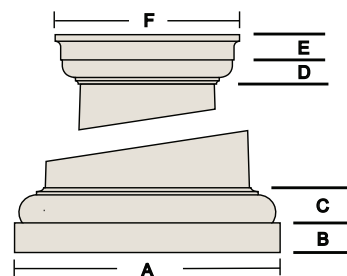
DuraGlass tapered columns may be used with PVC Craftsman Series Pedestals. Since PVC pedestals are not load-bearing, the combination of DuraGlass column and PVC pedestal will NOT be load-bearing.

Turncraft offers two cap and base styles for the tapered DuraGlass column shaft: Bungalow (matches our Craftsman Series PVC columns) and modified Tuscan. By matching the Bungalow cap and base with the Craftsman series, they can both be used on the same jobsite—whole columns in DuraGlass where support is needed, and PVC columns used where load supports are already in place (does not apply to Tuscan style cap/base sets—only to the Bungalow style.)



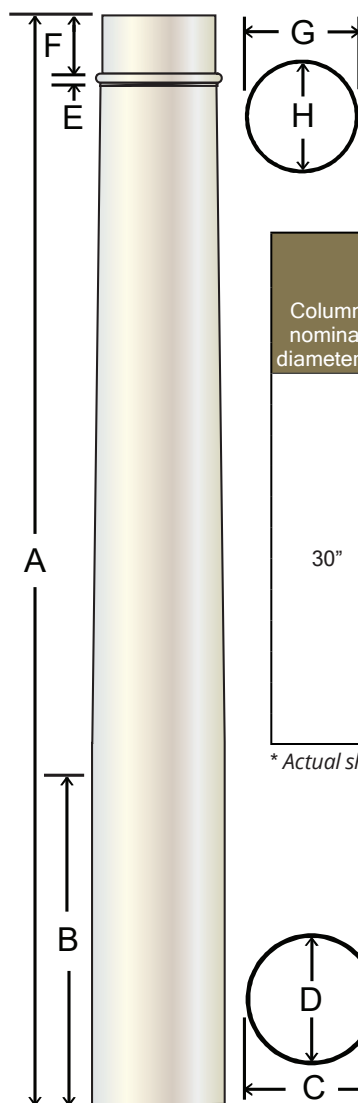
BUNGALOW PVC CAP AND BASE FOR SQUARE TAPERED COLUMNS:

Column diameter	Bungalow Base				Bungalow Cap				Material
	Plinth		Moulding	Total height	Moulding	Platform		Total height	
	A	B	C	B-C	F	E	D	D-E	
10"	13 5/8"	1"	1 1/4"	2 1/4"	1 1/8"	1"	9 5/8"	2 1/8"	PVC
12"	15 5/8"	1"	1 1/4"	2 1/4"	1 1/8"	1"	11 5/8"	2 1/8"	PVC
16"	19 5/8"	1"	1 1/4"	2 1/4"	1 1/8"	1"	15 5/8"	2 1/8"	PVC



TUSCAN CAP AND BASE FOR SQUARE TAPERED COLUMNS:

Column diameter	Tuscan Base				Tuscan Cap				Material
	Plinth		Torus	Total height	Echinus	Abacus		Total height	
	A	B	C	B-C	F	E	D	D-E	
10"	13 1/8"	1 11/16"	12"	3 11/16"	1 3/8"	1 7/16"	8 1/2"	2 13/16"	Fiberglass
12"	15 1/8"	1 11/16"	12"	3 11/16"	1 3/8"	1 7/16"	10 1/2"	2 13/16"	Fiberglass
16"	19 1/8"	1 11/16"	12"	3 11/16"	1 3/8"	1 7/16"	14 1/2"	2 13/16"	Fiberglass



DURAGLASS™ ROUND TAPERED COLUMNS

Standard DuraGlass™ column shafts are the same height as the listed size. Tuscan cap and base and Attic base go around the shaft, and do not affect the overall height.

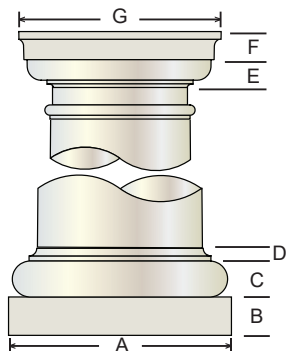
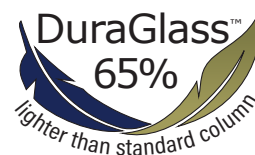
Column nominal diameter *	Shaft height (A)	Shaft neck		Shaft bottom *		Shaft top *		Space available inside shaft		Load capacity
		Neck height (B)	Astragal ring (C)	Outside diameter (D)	Inside diameter (E)	Outside diameter (F)	Inside diameter (G)	For round support	For square support	
30"	8'	13 5/8"	2 1/2"	30"	29"	24 1/2"	23 1/2"	23"	16 1/4"	25,000 lb.
	10'									
	12'									
	14'									
	16'									
	18'									
	20'									
	22'									
	24'									
	26'									
	28'									
	30'									

* Actual shaft net diameters may be smaller than nominal size shown.

Made from fiberglass and resin for a lightweight yet very durable and extremely strong column, these are a perfect solution for larger columns where the weight of a fiberglass-reinforced polymer (FRP) column becomes an issue.

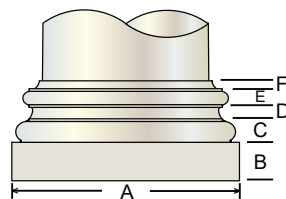
PLAN TYPES

Poly-Classic® Duraglass™ Columns are available in the following plan types. Please specify when you order. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc.)



Cap and base products for DuraGlass pultruded or resin-infused fiberglass columns are manufactured of low-maintenance materials. Tuscan cap/base and Attic base for 30" round columns are made of resin-infused fiberglass.

Column diameter	Tuscan Base					Tuscan Cap				Material
	Plinth		Torus		Total height	Echinus	Abacus		Total height	
	(A)	(B)	(C)	(D)	(B-D)	(E)	(F)	(G)	(E-F)	
30"	40 1/2"	7 1/4"	6 1/2"	2 3/4"	16 1/2"	4 7/16"	5 1/8"	35 3/4"	9 9/16"	Fiberglass



Column diameter	Optional Attic Base							Material
	Plinth		Torus				Total height	
	(A)	(B)	(C)	(D)	(E)	(F)	(B-F)	
30"	40 1/2"	7 1/4"	3 7/8"	3 5/8"	2 5/8"	1 7/8"	17 1/4"	Fiberglass

CAPITALS FOR DURAGLASS 30" ROUND TAPERED COLUMNS

Ornamental capitals are set on top of the column astragal, and will affect the overall height:



Greek Erectheum



*Greek Erectheum
with Necking*



Roman Corinthian



Roman Ionic



Scamozzi



Temple of Winds

Shaft nominal bottom diameter	Greek Erectheum				Greek Erectheum with Necking				Roman Corinthian		
	Capital height	Abacus width	Scroll width	Height adjust *	Capital Height	Abacus width	Scroll width	Height adjust *	Capital height	Abacus width	Height adjust *
30"	15"	31"	45 ½"	TBD	24 ¾"	31"	45 ½"	TBD	37 ½"	46 ½"	n/a

Shaft nominal bottom diameter	Roman Ionic				Scamozzi				Temple of Winds		
	Capital height	Abacus width	Scroll width	Height adjust *	Capital height	Abacus width	Scroll width	Height adjust *	Capital height	Abacus width	Height adjust *
30"	12 ½"	32"	40 ½"	TBD	12 ¾"	39"	33"	TBD	30"	39"	n/a

* "Height adjust" column is the adjustment to overall height when using this capital on a column trimmed for architecturally correct installation. DuraGlass Ornamental Capitals are not load bearing and will require a plug. Height shown does not include plug.

DURAGLASS™ ROUND NON-TAPERED COLUMNS

Standard DuraGlass™ column shafts are the same height as the listed size. Tuscan caps and bases and Attic bases go around the shaft, and do not affect the overall height. Tuscan bases are used (upside-down) as caps. Ornamental capitals are not available for non-tapered shafts.

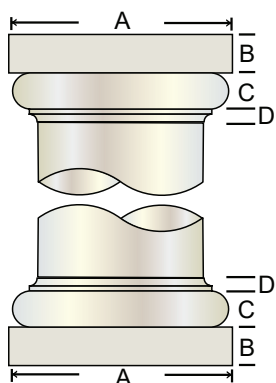
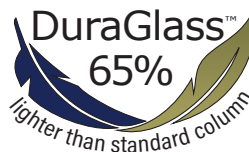
Column nominal diameter *	Shaft height	Shaft bottom *		Shaft top *		Space available inside shaft		Load capacity
		Outside diameter	Inside diameter	Outside diameter	Inside diameter	For round support	For square support	
	(A)	(B)	(C)	(B)	(C)			
30"	8'	30 1/8"	29 1/8"	30 1/8"	29 1/8"	28 1/2"	20 1/8"	25,000 lb.
	10'							
	12'							
	14'							
	15'							

* Actual shaft net diameters may be smaller than nominal size shown.

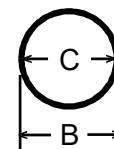
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PLAN TYPES

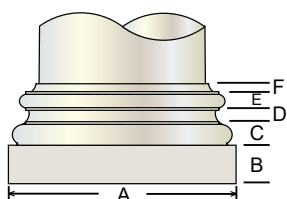
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Column diameter	Tuscan Base					Tuscan Cap					Material
	Plinth		Torus		Total height	Echinus		Abacus		Total height	
	(A)	(B)	(C)	(D)	(B-D)	(D)	(C)	(B)	(A)	(B-D)	
30"	40 ½"	7 ¼"	6 ½"	2 ¾"	16 ½"	2 ¾"	6 ½"	7 ¼"	40 ½"	16 ½"	Fiberglass



Column diameter	Optional Attic Base							Material
	Plinth		Torus				Total height	
	(A)	(B)	(C)	(D)	(E)	(F)	(B-F)	
30"	40 1/2"	7 1/4"	3 7/8"	3 5/8"	2 5/8"	1 7/8"	17 1/4"	Fiberglass

