



OC™ LUMBER STRUCTURAL POST

ROTPROOF. RUSTPROOF. COMPLICATION-FREE.

OC Lumber Structural Posts are a high-performance composite alternative to pressure-treated lumber (PTL) designed to enable safe, resilient, and durable structures.

- GLAS-POWERED™ by Owens Corning corrosion-resistant Advantex® Fiberglass™

SEE THE GLAS-POWERED™ DIFFERENCE



OC Lumber Structural Post is made of a Fiberglass™ Reinforced Acrylic Capped Polyvinyl Chloride (PVC) that will **never rot, enabling safe, resilient, and durable structures.**

FEATURES & BENEFITS



STRONG AND DURABLE

- Reliable strength¹
- Resists mold, mildew, and pests
- Allows for contact with water (salt and fresh) and ground



EASY TO INSTALL

- Lighter than pressure-treated lumber¹
- Designed for less expansion and contraction
- Straight, smooth, and uniform profiles
- Compatible with standard installation tools and fasteners

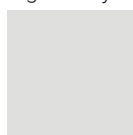
¹Based on internal testing comparing the Allowable Bending Stress and Weight of leading PTL brands and OC Lumber Structural Posts. OC Lumber Structural Post are as strong as PTL and shows more consistent performance from post to post at a lighter weight.

COLORS

Black



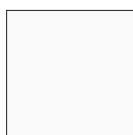
Light Gray



Saddle



White



Sand



Weatherwood



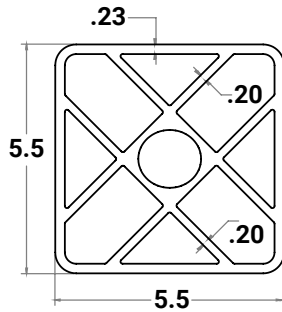
Driftwood



4"x4" Posts will have a woodgrain finish. Check on availability of custom colors with your Owens Corning representative. Minimum order quantity may apply. Product samples available upon request. Actual product colors may vary due to printing or screen settings.

Dimensions

6" x 6" Structural Post



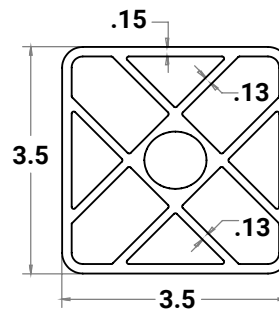
Lengths: 10', 12', 16'

Finish: Smooth

Applications:

Deck posts, pergola posts, whalers, outdoor accessories

4" x 4" Structural Post



Lengths: 8', 10', 12', 16'

Finish: Woodgrain

Applications:

Fence posts, garden posts, outdoor accessories

Check on availability of custom lengths with your Owens Corning representative. Minimum order quantity may apply.

Physical & Mechanical Properties

	TESTING METHOD	6" X 6" ACRYLIC CAPPED PVC	4" X 4" ACRYLIC CAPPED PVC
Section Width (W)		5.5 in	3.5 in
Section Depth (D)		5.5 in	3.5 in
Wall Thickness (te)		0.23 in	0.18 in
Web Thickness (ti)		0.2 in	0.15 in
Weight		6 lb/ft	3.25 lb/ft
Compressive Load to Failure	ASTM D198	18,000 lbf	6,000 lbf
Flexural Strength (side bending)	ASTM D6272	2,000 lbf	2,090 lbf
Modulus of Elasticity	ASTM D198	250,000 psi	440,000 psi

Listed by CBI at <https://www.cbitest.com/cl/2307-07>

Post Height & Allowable Load Bearing Capacity

PROFILE	ALLOWABLE COMPRESSION LOAD (LB)					
	POST HEIGHT					
	≤9ft	10 ft	11 ft	12 ft	13 ft	14 ft
6" x 6" Structural Post	18,500	15,250	12,500	10,500	9,000	7,750
4" x 4" Structural Post	6,250	5,000	4,250	3,500	3,000	2,500

SI: 1in = 25.4mm, 1ft = 0.3048, 1lbf = 4.448 N

- Maximum post height is 14 ft above grade
- Where required, post shall be braced to prevent side-away and buckling
- These results may be applied to all loading scenarios (i.e., full bearing, notch, post-cap/base).
- These results may be applied only to fully bearing loading scenarios

OC Lumber Other Applications & Products



DECKING BOARDS

A wood-free composite alternative that combines outstanding strength and durability to build decks and docks that last.



FRAMING BOARDS

A rotproof, rustproof composite alternative to traditional wood and steel. Designed to install like the lumber you use every day.

LEARN MORE AT
OWENSCORNING.COM/LUMBER



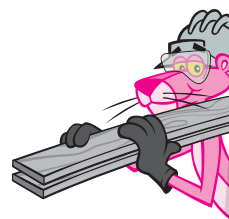
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