



# PINKBAR™ FIBERGLAS™ REBAR







## LESS WEIGHT. MORE STRENGTH.™

PINKBAR™ Fiberglas™ Rebar is a high quality, cost-effective reinforcement solution for flatwork

- Stronger than steel rebar in tensile
- Non-corrosive for longer service life of concrete
- Tested and certified to ASTM D7957
- Industry-leading Advantex® boron-free ECR fibers
- Epoxy resin for increased durability compared to other composite rebar
- Proprietary sand coating for superior bond strength to concrete

### #3 PINKBAR™ FIBERGLAS™ REBAR REPLACES #4 STEEL REBAR IN FLATWORK

Compared to #4 steel rebar, #3 PINKBAR™ offers more strength and the same shrinkage crack mitigation you would expect at a fraction of the weight and lower cost.

		#3 PINKBAR™	#4 GRADE 60 BLACK STEEL
<b>7X LIGHTER</b>	 Weight (lbs./20 ft stick)	2.1	13.4
<b>STRONGER</b>	 Guaranteed Tensile Strength (ksi) <sup>^</sup> Guaranteed Ultimate Tensile Force (lbs) <sup>^^</sup>	142 15,650	60 12,000
<b>HAUL 5X MORE</b>	 # of Bars / Truckload	19,000	3,600
<b>RUST FREE</b>	 Durability	No Rust – Longer service life	Rust – Less Durable
<b>2X FASTER TO INSTALL</b>	 Time Savings*	20 bars per trip (Equates to 75% less trips and 50% less man hours)	5 bars per trip
<b>LESS COST</b>	 Installed Cost Savings*	33% savings on average	Standard cost

Figures in chart are approximate and may vary based on manufacturing differences; <sup>^</sup>Guaranteed tensile strength refers to PINKBAR™, minimum yield strength in case of steel; <sup>^^</sup>Guaranteed ultimate tensile force refers to PINKBAR™. Yield load in case of steel rebar; \* Time and Installed cost savings based on 50% labor savings and sample of current pricing in Midwest states as of Feb., 2020, subject to regional differences and price fluctuations

## Applications

PINKBAR™ Fibreglas™ Rebar for Flatwork is intended for exterior and interior slab-on-ground applications.

RESIDENTIAL		COMMERCIAL/INDUSTRIAL	
• Driveways	• Pool Decks	• Parking Slabs	• Agricultural Slabs
• Sidewalks	• Basement Floors	• Warehouse Floors	• Loading Docks

## Physical & Mechanical Properties

NOMINAL DIAMETER			NOMINAL AREA		GUARANTEED TENSILE STRENGTH		GUARANTEED ULTIMATE TENSILE FORCE		TENSILE MODULUS OF ELASTICITY		ULTIMATE STRAIN
Size	mm	in	mm <sup>2</sup>	in <sup>2</sup>	MPa	ksi	kN	lbs	GPa	psi 10 <sup>6</sup>	%
3	10	3/8	71.3	0.110	981	142	70	15,650	46	6.7	2.59%
4	13	1/2	126.7	0.196	910	132	122	27,550	46	6.7	2.32%
5	16	5/8	197.9	0.307	792	115	156	35,147	46	6.7	1.96%

## Handling & Placement

The field handling and installation of PINKBAR™ Fibreglas™ Rebar is the same as for steel bars, with a few notes and minor exceptions:

- Cutting: When field cutting is necessary, use a fine blade saw, grinder, carborundum or diamond blade – DO NOT SHEAR. Note: after cutting, sealing the ends is NOT necessary.
- Chairing: Support chairs are suggested at two-thirds the spacing of steel rebar.
- Tying: you can use the same tying method as steel rebar – tie choice is based on contractor preference.

As with any reinforcement placement, be sure to follow best practices in all phases of your concrete project, from planning to construction, pouring to curing, joint cutting and maintenance for optimal performance.

## Packaging

All PINKBAR™ Fibreglas™ Rebar is shipped from the Owens Corning facility in South Carolina. Sub Bundles and Master Bundles are available in standard sizes containing 20ft lengths. All bundles are wrapped in plastic when shipped – protective paper wrapping is also available upon request.

PINKBAR™	SUB BUNDLE	MASTER BUNDLE	FTL	
#3	20	500	19,000	<i>24"x24" corners are also available.</i>
#4	10	500	12,000	
#5	10	250	7,250	

## Labeling

Material certifications are available for any production lot of PINKBAR™ Fibreglas™ Rebar, traceable by bar marks imprinted on the bar in intervals showing the bar diameter, stock order and production date.

## Storage

PINKBAR™ Fibreglas™ Rebar is durable in the outdoor environment. Discoloration, fading or chalking of the surface can occur due to oxidation or UV exposure. However, this is cosmetic only and will not affect the performance of the bar. For prolonged exposure under direct sunlight, protective cover is recommended to minimize these effects.



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**CALCULATE SAVINGS**



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