BENEFITS

#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.

7X LIGHTER

STRONGER

FASTER INSTALL

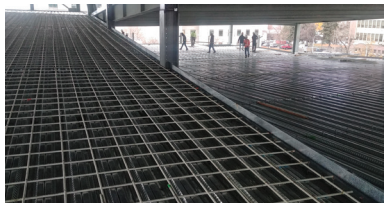
RUST FREE MORE DURABLE

LOWER COST VS BLACK STEEL

EASIER TO HAUL

PROJECT EXAMPLES

#3 PINKBAR™ Fiberglas™ Rebar



PARKING GARAGE
Billings, MT

BUILDING GROUND SLAB
Oklahoma Home Builders Association Headquarters
Oklahoma City, OK

INDUSTRIAL CONCRETE SLAB
Bloomfield, IA

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CALCULATE SAVINGS

Pub. No. 10023681-B. December 2020.

PINKBAR™ FIBERGLAS™ REBAR

LESS WEIGHT. MORE STRENGTH.™

Leave the rust, weight, and price uncertainty of steel rebar behind.

#3 PINKBAR™ Fiberglas™ Rebar for Flatwork is a superior reinforcement material for concrete flatwork applications including parking lots, sidewalks, patios, pool decks and driveways.

PROVEN PERFORMANCE

#3 PINKBAR™ Fiberglas™ Rebar is tested to meet applicable residential concrete codes for strength and performance in place of #4 Steel.

#3 PINKBAR™ Meets ICC ES Test Requirements per AC454*

- Exceeds Guaranteed Tensile Load and Tensile Modulus, tested per ASTM D7905
  - 15,650 LBs for #3 PINKBAR™ compared to 12,000 LBs for #4 Grade 60 Steel for Tensile Load
  - > 6,500,000 ksi required for Tensile Modulus
- Exceeds Guaranteed Bond Strength in Concrete, tested per ASTM D7913
  - > 1100 psi required for Bond Strength

* Data per #3 PINKBAR™ ICC ES Submittal Package Only — Currently pending ICC-ES Certification

PINKBAR™ Meets ASTM D-7957 Standards

- PINKBAR™ is tested and certified to ASTM D-7957 standards
- Material Certifications are provided upon request and purchase

In-Slab Performance Testing vs. Steel

#3 PINKBAR™ has been proven to mitigate shrinkage cracks compared to #4 steel in poured slabs and may increase the long-term service life of flatwork due to the non-corrosive properties of Fiberglas™ Rebar.

State Approvals

Official use approval in State of Wisconsin.

INSTALLATION

Installs like steel, just faster!

1. Lay & Space

2. Cut – Use a fine toothed saw blade, grinder, carborundum or diamond tipped blade — do not shear

3. Tie – You can use the same tying method as steel rebar — tie choice is based on contractor preference

4. Chair – Support chairs are suggested at two-thirds the spacing of steel rebar

5. Pour

6. On to the Next Job!

PHYSICAL & MECHANICAL PROPERTIES

NOMINAL DIAMETER			NOMINAL AREA		GUARANTEED TENSILE STRENGTH		GUARANTEED ULTIMATE TENSILE FORCE		TENSILE MODULUS OF ELASTICITY		ULTIMATE STRAIN
Size	mm	in	mm^2	in^2	MPa	ksi	kN	lbs	GPa	psi 10^6	%
2	6	1/4	31.7	0.049	1000	145	31	7,105	46	6.7	2.16
3	10	3/8	71.3	0.110	981	142	70	15,650	46	6.7	2.11
4	13	1/2	126.7	0.196	910	132	122	27,550	46	6.7	1.97
5	16	5/8	197.9	0.307	792	115	156	35,147	46	6.7	1.71