GATORBAR®

APPLICATION DATA SHEET

ZERO SLIVERS.
BETTER BOND.

ICC AC454 CERTIFIED (ESR-4526)
GatorBar #3 only (#4 & #5 pending)

An ACI Center of Excellence for Nonmetallic Building Materials
MEMBERSHIP

PHYSICAL PROPERTIES

	#3 BAR	#4 BAR	#5 BAR
Nominal Diameter	10 mm 3/8 in	13 mm 1/2 in	16 mm 5/8 in
Weight	.09 lbs/ft (1.8 lbs/stick) >75% Fiber Content	.166 lbs/ft (3.32 lbs/stick) >75% Fiber Content	.2475 lbs/ft (4.95 lbs/stick) >75% Fiber Content
Guaranteed Tensile Strength ASTM 7205	1100 MPa 155 ksi 17,100 lbs	1100 MPa 155 ksi 30,400 lbs	889 MPa 129 ksi 39,750 lbs
Tensile Modulus of Elasticity ASTM7205	47 GPa 6.8 x 10^6 psi	49 GPa 7.1 x 10^6 psi	Pending
Guaranteed Transverse Shear Capacity ASTM 7617	185 MPa 26.8 ksi 6,800 lbs	185 MPa 26.8 ksi 10,500 lbs	185 MPa 26.8 ksi 16,800 lbs
ICC-ESR	AC454 Certified (ESR-4526) for #3 (#4 & #5 pending)		
Bond Strength ASTM D7913	1100 psi guaranteed for #3 (#4 & #5 pending)		
Moisture Content ASTM D570	< 0.25% (#3, #4, & #5)		
Performance Standards	Above performance criteria are met or exceeded in accordance with ASTM D7957, ASTM D7913, ACI440.11, and AC454		

PRODUCT FEATURES

- **LOWER COSTS** 35% - 45% LABOR SAVINGS
- **ZERO SLIVERS** GRIP TECH FOR BETTER HANDLING
- **2X STRONGER** THAN STEEL
- **4X-7X LIGHTER** THAN STEEL
- **RUST FREE** LONGER LASTING CONCRETE
- **BETTER BOND** INCREASED PULL-OUT STRENGTH

APPLICATIONS

- ✓ PAVEMENTS
- ✓ PARKING LOTS
- ✓ CURB & GUTTER
- ✓ SIDEWALKS
- ✓ COMMERCIAL FLOORS
- ✓ POURED WALLS
- ✓ FOUNDATIONS & FOOTINGS
- ✓ AND MANY MORE!

HUNDREDS OF MILLIONS OF FEET IN CONCRETE

AMERICA'S REBAR

PATENT #9688030B2

ZERO POLYESTER

906.934.2661

GATORBAR.COM

GATORBAR® VS STEEL

TENSILE STRENGTH & WEIGHT COMPARISONS*

STEEL REBAR (GRADE 60)	#3 GATORBAR STRONGER	#3 GATORBAR LIGHTER	#4 GATORBAR STRONGER	#4 GATORBAR LIGHTER	#5 GATORBAR STRONGER	#5 GATORBAR LIGHTER
#3 STEEL	2.7X	4X	4.4X	2.3X	6.2X	1.2X
#4 STEEL	1.5X	7.4X	2.5X	4X	3.5X	2.7X
#5 STEEL	CALL FOR ENGINEERING ASSISTANCE		1.6X	6.3X	2.1X	4.2X
#6 STEEL	CALL FOR ENGINEERING ASSISTANCE: 906.934.2661				1.1X	6X

*FOR CRACK CONTROL CONSIDERATION. IT IS NOT GATORBAR'S INTENT TO IMPLY THAT COMPOSITE REBAR CAN REPLACE STEEL IN ALL APPLICATIONS.