

# GATORBAR®

## POURED CONCRETE WALLS

# 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 ASTM 7205	47 GPa 6.8 x 10 <sup>6</sup> psi	49 GPa 7.1 x 10 <sup>6</sup> psi	44.7 GPa 6.5 x 10 <sup>6</sup> psi
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

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

## STRONGER FOUNDATIONS

- ✓ BASEMENT AND FOUNDATION WALLS UP TO 10 FEET IN HEIGHT
- ✓ PRESCRIPTIVE DESIGN TABLES AVAILABLE
- ✓ BASE ON ACI 332-20 (CODE REQUIREMENTS FOR RESIDENTIAL CONCRETE AND ACI 440.11 FOR GFRP REINFORCEMENT
- ✓ SEISMIC LOADS A-C
- ✓ ENGINEERING DESIGN COULD BE REQUIRED

# HUNDREDS OF MILLIONS OF FEET IN CONCRETE



## AMERICA'S REBAR

PATENT #9688030B2

⊘ ZERO POLYESTER

☎ 906.934.2661

🌐 GATORBAR.COM



# GATORBAR<sup>®</sup> VS STEEL

TENSILE STRENGTH & WEIGHT COMPARISONS\*

STEEL REBAR (GRADE 60)	#3 GATORBAR		#4 GATORBAR		#5 GATORBAR	
	STRONGER	LIGHTER	STRONGER	LIGHTER	STRONGER	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				1.5X	6X

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



**BUST BAR. NOT YOUR BACK.**



**DRIVE ON. DRIVE OFF.**

## SPACING RECOMMENDATIONS

### FOUNDATION WALLS

#### HORIZONTAL BAR

- < 8' WALL - TOP & BOTTOM WITH #3 GATORBAR
- > 8' WALL - 18" OC WITH #3 GATORBAR

#### VERTICAL BAR

- 8' WALL - 32" OC WITH #4 GATORBAR
- 9' WALL - 32" OC WITH #4 GATORBAR
- 10' WALL - 32" OC WITH #4 GATORBAR

IF BACKFILL EXCEEDS 8' CONTACT GATORBAR

SPACING RECOMMENDATION FOR 30 - 40 PSF SOIL

IF SOIL PSF EXCEEDS 40 CONTACT GATORBAR

### ABOVE GRADE WALLS

#### HORIZONTAL BAR

18" OC WITH #3 GATORBAR WITHIN 12" OF THE TOP WALL

#### VERTICAL BAR

6" - 10" WALL - 32" OC WITH #4 GATORBAR

4" WALL - CONTACT GATORBAR