

# APPLICATION DATA SHEET

# GATORBAR™



## HERE TO STAY

### #3 BAR DIAMETER

#### NOMINAL DIAMETER/AREA

- 10 mm (71.26 mm<sup>2</sup>)
- 3/8 in (.110 in<sup>2</sup>)

#### LENGTHS

- Up to 20 ft

#### WEIGHT

- .09 lbs/ft

#### GUARANTEED TENSILE STRENGTH

##### ASTM 7205

- 999 MPa
- 145 ksi

#### ULTIMATE TENSILE LOAD - ASTM 7205

- 87.5 kN
- 19,675 lbs

#### TENSILE MODULUS OF ELASTICITY

##### ASTM 7205

- 46 GPa
- 6.7 x 10<sup>6</sup> psi

#### GUARANTEED TRANSVERSE SHEAR CAPACITY - ASTM 7617

- 173 MPa
- 25.1 ksi

#### MOISTURE CONTENT - ASTM D570

- < .5%

#### BOND STRENGTH - ACI 440.3R B3

- 14.1 Msi
- 2,047 psi
- 4,519 lbs

#### FIBER CONTENT

- 80% by weight

### APPLICATIONS

Neuvokas uses only the highest quality basalt fiber and epoxy resin in its products. These components independently have withstood the test of time, and Neuvokas is combining them with a proprietary process that allows GATORBAR to be produced at a high rate of speed. This high rate of speed enables **PRICE PARITY WITH STEEL!**

Neuvokas has completed three initial tests at independent universities that show GATORBAR meets and exceeds the applicable ACI/CSA standards. Neuvokas is working to complete the remainder of tests required to earn a third party accreditation. As these certifications are completed Neuvokas is beginning sales in low risk areas such as slab-on-grade parking lots and other similar structures for crack control.

### PRODUCT FEATURES

#### GATORBAR OFFERS

**Price parity** – Its high tensile strength allows #3 GATORBAR to replace #4 Black Bar at the same price.

**Labor savings** – Labor savings estimated at 1 man-hour per ton of steel replaced.

**Freight savings** – Up to 75% Freight savings on truckload quantities.

**Extended structure life** – No rust high strength equals long life.

**Reduced Injury** – Labor will carry and place 7X less weight per job, reducing repetitive lifting injuries and other bodily strain.

**CHAIR IT UP AS YOU WOULD STEEL,  
TIE IT OFF AND POUR WITH CONFIDENCE.**

Michel Boyer  
(514) 772-5382

[www.dbbinc.ca](http://www.dbbinc.ca)