

BASALT

Structural Fibers and Rods



Toll Free - 1.800.544.8488
 www.SureCreteDesign.com
 www.TheConcreteWhisperer.com

Products

Fiber: **Packaging:**
 1/2" 6 & 50 lbs.
 1" 6 & 50 lbs.
 2" 6 & 50 lbs.

Rod: **Packaging:**
 1 mm 10' lengths
 2 mm 10' lengths
 3 mm 10' lengths
 6 mm 20' lengths
 8 mm 20' lengths
 10 mm 20' lengths
 12 mm 20' lengths

- All Basalt GeoTech Rebar has minimum strength of 1,100 Mpa (159Ksi)
- Standard Steel grade 60 (60Ksi)
- GeoTech 3mm Rebar 1,850 Mpa or 268 Ksi
- Due to the tensile strength of 3mm Bar, it is a suitable substitute for 1/2" deformed wire / pencil rod

Sizing Chart

Bar Number	Bar Size	Grade	Bar Type	Minimum Yield (Mpa)	Minimum Yield (Ksi)	Minimum Yield (psi area)
3	0.375"	60	Steel	420	60	6,600
4	0.5"	60	Steel	420	60	11,760
5	0.625"	60	Steel	420	60	18,300
6	0.75"	60	Steel	420	60	26,460
n/a	8 mm	n/a	GeoTech	1,100	160	12,320
n/a	10 mm	n/a	GeoTech	1,100	160	19,200
n/a	12 mm	n/a	GeoTech	1,100	160	28,000

Replacement Model

GeoTech Rebar	Will Replace
3 mm	#2 Pencil Rod #3 - 3/8" grade 60 Steel rebar
6 mm	#3 - 3/8" grade 60 Steel rebar #4 - 1/2" grade 60 Steel rebar
8 mm	#3 - 3/8" grade 60 Steel rebar #4 - 1/2" grade 60 Steel rebar
10 mm	#4 - 1/2" grade 60 Steel rebar #5 - 5/8" grade 60 Steel rebar
12 mm	#5 - 5/8" grade 60 Steel rebar #6 - 3/4" grade 60 Steel rebar