

ATRA® SPEED STAKE GEOWEB® ANCHOR SPECIFICATION

Description:

The ATRA Speed Stake provides additional anchorage and resistance to sliding and/or uplift forces to GEOWEB sections with or without tendons for crest, toe, and internal anchoring. ATRA Speed Stakes are a one-piece, non-metallic molded anchor used instead of traditional rebar or steel rods when long-term durability is desired in wet or corrosive environments.

ATRA Speed Stakes make a more secure connection with GEOWEB cell walls and allow for driving of anchors with powered ATRA Drivers with ATRA Gad attachment.

Material: Specialty HDPE based polymer alloy

Construction: One-piece injection molded design with integral flanged arms and barbs

Color: Black

Dimensions:

Length: 16 in (40.64 cm) and 20 in (50.8 cm)

Width: 1.92 in (48.77 mm)

Diameter: Tapered diameter from 0.875 in (22.23 mm) to 0.5 in (12.70 mm)

Min Tensile Strength (per ASTM D638): 14.5 kips (100 MPa)

Min Bending Strength: 575 lbf (2,550 N)

Chemical Resistance: Unaffected by Most Acids. Good Resistance to Alkalis.

Other Properties: Weather Resistant, Mildew Resistant, and Non-Corrosive

Conductivity: Non-Conductive



Figure 1 ATRA® Speed Stake



Figure 2 ATRA® Speed Stake & ATRA GAD