

# ATRA<sup>®</sup> Key Compared to Stapling GEOWEB<sup>®</sup> Connection Device

## 1 Durable Polymer Won't Degrade



## 2 Three Times Faster



## 3 Three Times Stronger



## 4 Connection Certainty



## 5 Labor Savings. One Worker vs. Two



## 6 No Compressors, Generators Needed



## 8 Hassle-Free Connection



## 8 Safer for Workers



### 1. Durable Polymer Won't Degrade.

The ATRA key's Inert polymer material will not degrade or corrode like staples so the connection strength and performance remains the same for the life of the installation.

### 2. Three Times Faster Than Stapling.

Field testing revealed the ATRA key is three times faster than stapling operations. GEOWEB sections are quick to connect with a simple turn of the ATRA key.

### 3. Three Times Stronger Than Stapling.

Performance research confirmed the pull out strength of the ATRA key is three times stronger than stapling. Stapling can fail with a "zipper effect" where each staple can disengage.

### 4. Connection Certainty.

ATRA keys inserted through defined cell wall i-slots ensure the required connection is made. With stapling, contractors seldom use the recommended number of staples per connection, creating a weaker connection point.

### 5. Labor Savings. One Worker vs. Two for Stapling.

Only one worker is required per connection point with ATRA keys. Stapling requires two workers on each connection point – one to hold the sections together and the other to staple.

### 6. No Compressors, Equipment Required.

ATRA keys do not require any additional equipment. Stapling requires air compressors, generators, staplers and staples - the equipment and hoses must be continually moved around the jobsite.

### 7. Hassle-Free Connection.

GEOWEB sections are made with 'i-slots' for easy installation of ATRA keys in any soil or weather conditions. Staplers are prone to chronic problems with misfires and jamming, especially at wet, muddy or sandy sites.

### 8. Safer for Workers.

Using ATRA keys instead of stapling eliminates potential for hand injuries caused by staplers, and user movement of equipment and hoses..