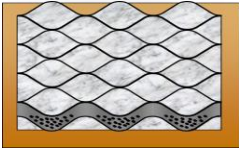


# GEOWEB® 3D Concrete Channels vs. Poured-in-Place Channels and ACBs

**1 Eliminates Forms & Reinforcement**



**2 No Joints, Controlled Cracking**



**3 Reduces Concrete, Consistent Depth**



**4 Perforations Create Cross-Linking**



**5 Higher Slump Concrete**



**6 No Lifting Equipment**

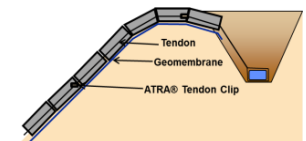
**7 Safer Worksite**



**8 Withstands High Flows**



**9 Protects Geomembranes**



**1. Eliminates Forms and Reinforcement.**

The Geoweb system acts as a support skeleton and needs no other forms for concrete infill.

**2. No Joints, Controlled Cracking.**

Small shrinkage gaps between the Geoweb cell wall and the cured concrete allow the system to flex, providing “controlled joints” at the cell wall perimeter. Typical large cracks with conventional concrete slabs are eliminated, as is typical with conventional concrete slabs.

**3. Reduces Concrete, Assures Consistent Depth.**

The Geoweb system reduces concrete depth by creating a secure, uniform mattress supported by the interconnected cells. Eliminate wasted concrete, or short pours as the Geoweb wall height assures defined concrete depth.

**4. Perforations Create Cross-Linking.**

Interlocking cells are formed as concrete “reaches” through the cell wall as the pour flows into place.

**5. Allows Higher Slump Concrete.**

The Geoweb cellular structure offers redundant “container” support for the concrete, allowing less expensive mixes and easier to pour higher slump concrete.

**6. Light-Weight Geoweb Requires No Lifting Equipment.**

Compared to ACB’s, the Geoweb poured-in-place solution does not require special lifting equipment, saving on cost and time of installation.

**7. Safer Worksite vs. ACBs.**

No heavy Articulated Concrete Blocks (ACBs) system to place means less chance for injury and a safer worksite.

**8. Withstands High Flows.**

Backed by third party research, the Geoweb system can be designed to withstand up to 30 fps (9 mps).

**9. Protects Geomembranes.**

Using tendons and ATRA® tendon clips, support a Geoweb solution over impermeable liners without puncturing the liner with stakes.