Concrete Embedment Strip

GSE was the first company to develop an extruded HDPE concrete embedment strip for geomembrane attachment. GSE PolyLock is a rugged, durable HDPE profile that can be cast-in-place or inserted horizontally into wet concrete, leaving the welding surface exposed upon completion of concrete preparation. The embedment of anchor fingers provides a high strength mechanical anchor to the concrete. When properly installed and utilized with a geomembrane, GSE PolyLock provides an outstanding barrier to leakage. GSE PolyLock is the most effective and economical cast-in-place mechanical anchor system for HDPE.

**GSE PolyLock Specifications**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Nominal Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard length, ft (m)</td>
<td>10 (3)</td>
</tr>
<tr>
<td>Width, in (cm)</td>
<td>6 (15)</td>
</tr>
<tr>
<td>Anchor Finger Length, in (cm)</td>
<td>1 (2.5)</td>
</tr>
</tbody>
</table>

**Properties**

- Chemical Resistance: Excellent
- Tensile Strength, lb/in² (MPa): >4,000 (28)
- Low Temperature Brittleness,°F (°C): <-120 (<-84)

**THE GSE POLYLOCK SYSTEM PROVIDES:**
- An exposed welding surface
- Anchor fingers for strength
- A mechanical anchor system that is effective and economical
- Outstanding leakage barrier

For more information on this product and others, please visit us at GSEworld.com, call 800.435.2008 or contact your local sales office.