

## **STABILIZATION (Soil)**

### **TRADITIONAL PRODUCTS**

<b>Soil Stabilization</b>
Portland Cement
May also include other cementitious or pozzalanic additives such as lime kiln dust or fly ash.
Lime

<b>Cement Accelerators*</b>
Calcium Chloride

### **REVIEWED PROPRIETARY PRODUCTS**

Products submitted within this category promote claims related to one or more of the following:

- Soil Stabilization,
- Dust Abatement,
- Construction aid when working with weak or wet soils,
- Additive when using Full Depth Reclamation and Portland cement,
- Cement accelerator\*.

Prior approval from Pavement Engineering Section of Alberta Transportation is required for the use of these products in Alberta Transportation projects.

<b>Reviewed</b>	
AltaCrete ST Soil Stabilization	Gravelock
Durament RS*	RoadBond
Duraflex DFS*	RoadCem (CARES)*
EarthZyme	RoadPacker
EnviroTac 11	RoadTec
Evocrete	<a href="#"><u>Unistab (Underbald)</u></a>

\* Cement accelerators are used with Portland cement to promote early strength gain. Due to corrosion concerns all cement accelerators including such proprietary products shall not be used for bridge construction or within any concrete containing metals. Cement accelerators shall not be used at an additive rate greater than 2% by weight of cementitious material.

**CELLULAR CONFINEMENT SYSTEMS**

**PROPRIETARY**

PROVEN PRODUCTS	TRIAL PRODUCTS	POTENTIAL PRODUCTS
<a href="#">Tough Cell Report</a>	<a href="#">Geoweb</a> (Expiry: February 2027)	<a href="#">Geocell/Geo Cell/Envirogrid</a> (Expiry: February 2025)