Pro-Seal XXXWCrete® Mining (wet soils M)

An essential, wet soils component of the Pro-Seal *ECCO*® soil stabilization and toxic mineral binding systems products

Specifications:

ASTM (modified)	Test	Data Typical
CBR Test 50 Lab Test ASTM 1888 AASHTO -193 ASTM Field Test 4489	CBR Final Range .10 penetration (Roads), +900psi - +1500psi subject to soil type & % additives allowable.	1 day + 750psi 7 day +900psi 28-day range +1130 to ±1925psi Range Mean ±1527psi
ASTM C 109	Tensile Shear	24 Hrs. 90psi 7 days 110psi 28 days 128psi
ASTM C226	Initial Set Time	Initial +1 min. Final ± 30 min.
CSA	Full Traffic Set	± 12 - 24 Hours

Technical:

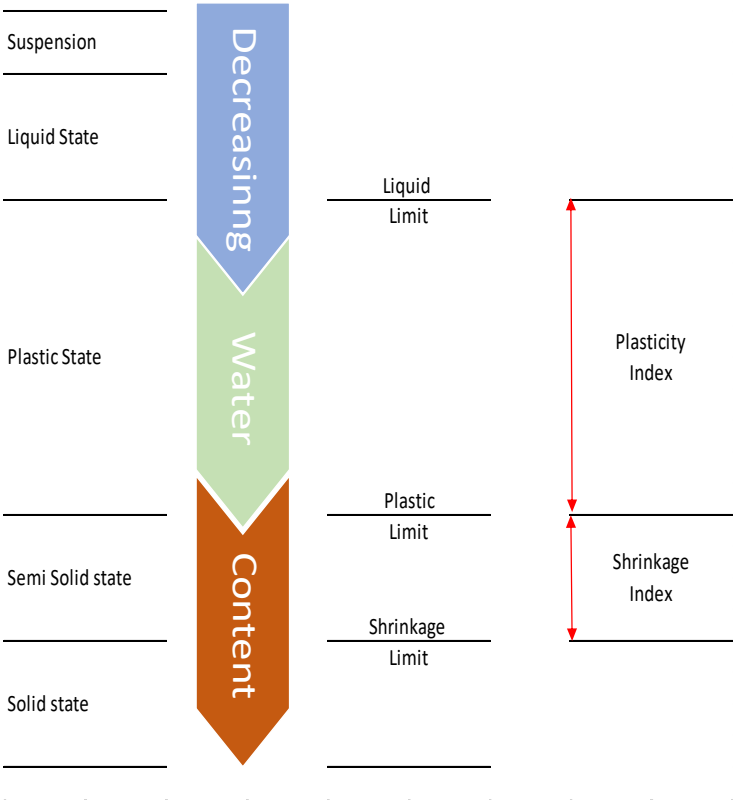
Information	Value
Material	1 part of a System
Mix Time	Till infused
Appearance	Dry, dirty gray, extremely fine talc powder
Initial Work Time	± 35 minutes
Initial Cure to Time Traffic	±08 Hours
Final Cure Time to Heavies Traffic	±24 Hours
V.O.C.	Zero
Enviro Hazard	None Known
Packaging	Bulk as Required
Always contact pro-SealCorp technical for guide specification services before using - 800 349 7325	

Product Description:

Pro-Seal XXXWCrete® is a Miso inorganic, Nano anionic, infused polymer. Pro-Seal*ECCO* XXXWCrete® M material is to be used only used only with Pro-SealECCO Nano-Crete® M, Pro-Seal BedR.O.C.® M and Pro-Seal TopR.O.C.® M in **wet classified soils conditions** as a component of the patented Pro-Seal-*ECCO* System® to structurally stabilize toxic mine tailings soils, repel water to avoid water saturation, stop leaching, washouts, potholing and rutting or liquifaxing of treated soils. It is mixed in situ with the target soils. This process is highly cost effective when it is properly integrated as a system with target soils.

CBR: .1 penetration, up to 1,925 psi, it is hydrophobic, anionic, Rapid set time, in situ mix or pump, full traffic 8 to 12 hrs.

Atterberg Limit Indices



PRO-SEAL® ECCO
Division of Pro-SealCorp

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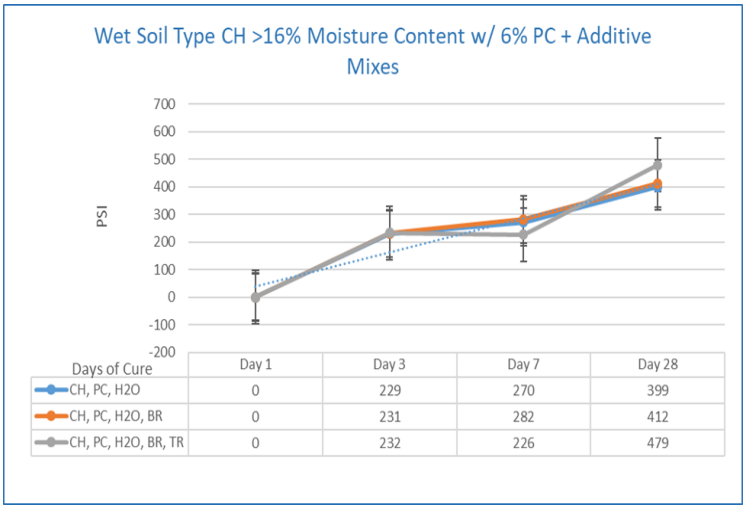
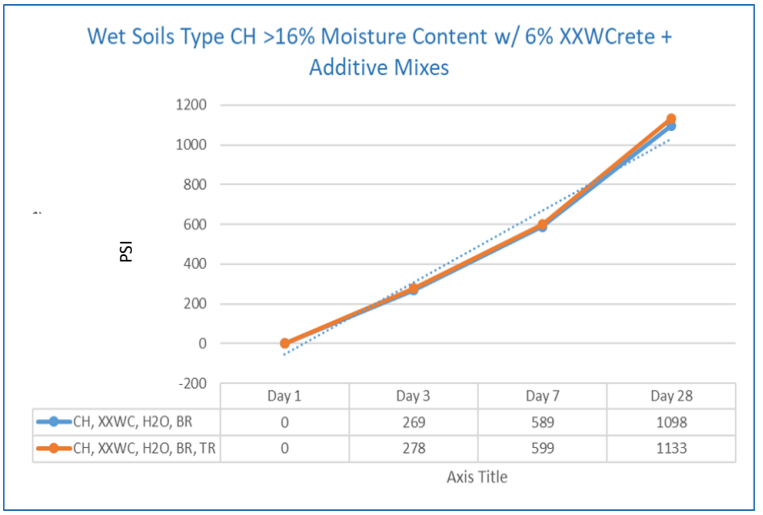
Table (below) displays the results of Atterberg Limit and Plasticity testing for natural wet tailings soils, mixed with the Pro-Seal*ECCO*® Stabilization System, containing >16% minimum +4% Moisture Content (MC).

. 16% MC Atterberg Limits (Wet Soils Testing >16% Mc, minimum 4% >)		
Soil Clasification	**Soil Description**	**Natural Plasticity**
CH	**Blue Clay**	Highly Platicity
CH Pro-Seal® Stabilized		
Liquid Limit		No Flow
Plastic Limit		Not Plastic
Plastic Index		NP
Allowable Blows		35
Blows		> 100
% Exceeded Blows		> 65%
Soil Clasification	**Soil Description**	**Natural Plasticity**
CL	**Silty Sandy Clay**	Medium Platicity
CH Pro-Seal® Stabilized		
Liquid Limit		No Flow
Plastic Limit		Not Plastic
Plastic Index		NP
Allowable Blows		35
Blows		> 100
% Exceeded Blows		> 65%

Below Comparative Strength Tables, Wet Soils Stabilization Portland cement versus Pro-Seal*ECCO* XXXWCrete®0.



Compare Portland Cement stabilization (above) in wet soils versus XXXW NanoCrete stabilization for wet soils (below). XXXWNanoCrete stabilization demonstrates significantly greater performance.



Caution:

Use only with Pro-Seal ECCO System® materials Pro-Seal*ECCO*; NanoCrete (all forms), NanoCrete® (all forms), BedROC® (all forms) and TopROC®. Wear a dust mask, see SDS, as Pro-Seal*ECCO*® materials may cause irritation to sinuses, irritate allergies, or cause pneumonia. Keep out of reach of children. Always keep lids on open pails. Call a doctor immediately if swallowed. Do not induce vomiting. It is up to the user to determine if this product and system are appropriate for their own uses. Pro-SealCorp makes no claim of warranty of use or performance verbal or written. Any such claim is not valid unless authorized, properly documented, procedural written format and authorization is made by appropriate officers of Pro-Seal Corp.

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