

Item	Product	Functionality	Uses	Application Methodology	Application Rate
1	SoilTech Stabilizer		* Haul Roads * Highways * Hard Stands (container depots) * Airstrips	i. Grader - Rip surface 50 to 150mm ii. Applylight dose of water iii. Pour SoilTech into water bowser & add more water iv. Spay into base & bring to OMC v. Mix well with Grader vi. Profile with Grader vii. Compact to 98% MOD AASHTO with 12 ton vibrating roller	0.5% of SoilTech per weight of the Soil - i.e. approx 1 litre per m ² at a depth of 100mm
Comments: The road or hardstand can be sealed with ClearTech, asphalt or interlocking pavers if required					
2	ClearTech		* Seal of stabilized roads * Seal of hard un-stabilized roads * Dust suppression	i. Check porousity of materials ii. Dilute ClearTech with water iii. Use a water bowser with rear spraybar and spray over the area	Dilution rates may vary from 1:4 to 1:19 subject to material & traffic conditions Spray 1 litres of diluted product per m2
Please contact your Polymer Pavements' representative, should you require clarification on products or application methodology					
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3	DusTech		* Dust Suppression * Mine tailings * Sand dunes * Waste Dumps	i. Test various dilution rations to determine optimum application rate ii. Water bowser - fill with DusTech & dilute with water & spray as required	Dilution ratios will determine how often one has to re-apply 1 litre per m ² at a DusTech. One can also colour DusTech for easy monitoring
4	PolySeal Geoliner		* Dam liners (Acid resistant pH 1.95) (Alkaline res. To 12.5) * water proofing - roofs, walls * canal liner * Sealing water tanks * Capping toxic waste	PolySeal is a liquid elastomer that is sprayed on and then becomes solid. PolySeal is mixed with river sand or plaster sand or any non-plastic material and is then sprayed onto the surface with a high pressure pump. Three thin coatings are normally applied Mine tailing dams are normally lined with an expandable geoliner, before PolySeal is applied.	Approximately 1.5 litres of PolySeal is used per m ² for 3 coatings.
5	SlurreyTech AshalTech		Sealing of: * Roads * Airstrips * Hard Stands	SlurreyTech has been designed as a seal for stabilized surfaces, where aggregate and stone stocks are non-existent. SlurreyTech is mixed with non-plastic materials i.e. river or plaster sand or beach sand	2.2 - 3 litres of SlurreyTech or AshalTech is mixed with 5 - 10mm of material per m ²
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6	PolyGel (Beta Phase)		* Neutralise clay properties by preventing water uptake, eliminate expansion and contraction. Then utilize SoilTech polymer to stabilize the nutralised clay materials * Stabilize high P.I roads (clay) * no need to bring in quarry aggregate	i. Apply PolyGel into the base & sub-base layers of roads with very high plasticity content (i.e. high clay content) ii. Mix PolyGel with water in a water bowser & spray over the road surface iii. Allow to soak into the road surface for 15 minutes and then start ripping with grader iv. Mix in SoilTech & compact v. Seal road with wearing course seal	i. Apply 90grams of PolyGel (neutraliser) per m2 @ a depth of 150mm i.e. 630Kgs per Km x 7m wide ii. Apply SoilTech (binder & stabilizer) @ 2.25 litres per m2 @ a depth of 150mm