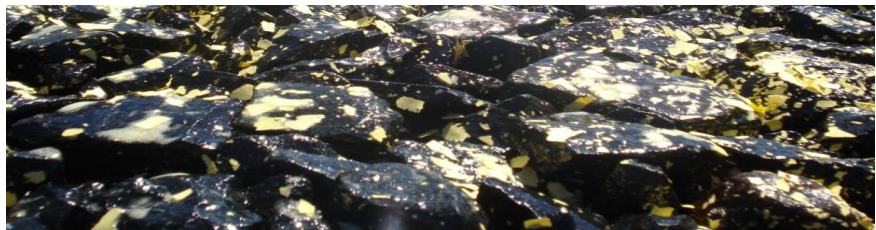




PolyTrack®

Ballast Binding System

Ballast Stabilization



Description: POLYTRACK is a two component– hydrophobic binding resin used for ballast stone and soil stabilisation. It is a low viscosity spray polyurethane resin that has a short reaction time when sprayed through a low pressured plural machine. This will produce a shore D durometer resin that has solid bonding properties designed for railway ballast. Once applied PolyTrack will provide structural and strong bonding properties to the ballast stone while remaining porous to water.

PolyTrack is a solution for problems areas such as:

- Areas for driver change over points
- High Foot Traffic Areas
- Fixed Points i.e. Crossings & Bridges
- Steep Inclines and unstable surrounding substrates
- Vandalism and ballast theft



The material should be fixture under dry and limited wet conditions.

Application: Apply through a low pressure plural machine. The mixing is done by static mixers in the stem of the gun assembly. The resin forms a fan pattern to coat the ballast stone flowing through the layers bonding the ballast at the contact points. Substrate must be a minimum of 20°C pre coating. Allow 3 hours to cure. If rain is expected, or if overnight temperatures fall below 10°C, the treated area should be covered with a plastic tarp. Coverage rates will vary with soil conditions.

	ISOCYANATE	CURED PACKAGE
Appearance	Dark Amber	Clear to Straw Yellow
Viscosity @ 25°C/cps	200-210 cps	100 - 200 cps
Odor (liquid)	Mild	Mild
Cure Time	3 Hours	3 Hours
Mix Ratio (Part A / Part B by volume)	1:1	
Pot Life @ 25°C (minutes) (Hand Mix)	6-10	
Hardness (ShoreD)	75-80	

MSDS should be read before using PolyTrack products.