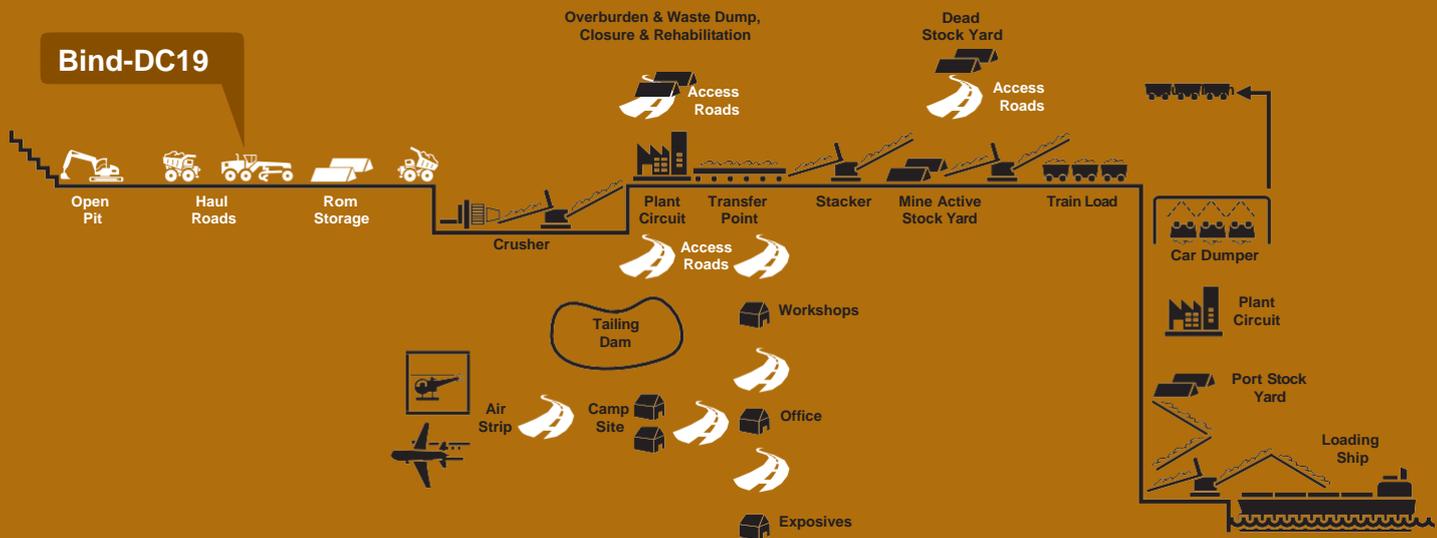




Biological surface solidification
Bind-DC19



Biological surface solidification.

Bind-DC 19[®]



Bind-DC19 is a bio-cementation product that offers soil stabilisation and efficient dust control through surface solidification across the mine site including LV and primary haul roads.

The unique bacterial solution solidifies sandy surfaces by forming calcite cement, bonding sand particles as fine as <math><10\mu\text{m}</math> into a solid surface within 6 – 48 hours. No bitumen products used.

Benefits

- Durability and flexibility
- Improved soil stabilisation
- Robust across most haul road materials
- Improved carbon footprint
- Improved environmental performance bringing:
 - Fuel savings
 - Water savings
- Readily soluble in salty and brackish water
- Reduced application frequency
- Easier material handling
- Increased tyre life
- Increased product shelf-life
- Patented product

Application

The nonhazardous solution is safe to handle and transport. It is delivered in liquid form ready for application using a standard water cart.

Suitable for

- LV and Haul Roads
- Open soil areas
- Tailings dam facilities including slopes and sidewalls
- Fly ash dumps
- Berms and Road barriers
- Waste Rock Dump

