

Intresoil™ FAQ

Combining Soil into an Integrated Whole for Road Stabilization and Construction

When Should I Choose Intresoil™?

Intresoil™ is the ideal solution for stabilization projects where:

- the in-situ material is poor and unsuitable for construction
- the in-situ material is highly susceptible to moisture infiltration
- the in-situ materials performance is significantly affected when saturated
- the in-situ material contains a high percent of clay
- importing aggregate is too costly or not practical
- traditional stabilization (lime and cement) is too costly

What is the Typical Application Rate for Intresoil™?

Intresoil™ is typically applied at an application rate of 1 liter of concentrate per 100 square meters. This concentrate is diluted at a ratio of 300:1 (water: Intresoil™ concentrate) prior to applying. The Intresoil™ solution is then typically blended to a depth of 6-8 inches (15-20 cm).

What Types of Soils are Ideal for Intresoil™?

Intresoil™ can be installed in a wide variety of soils. The highest increase in performance is achieved in soils that contain a high percent of clay and/or silt. Intresoil™ is effective at treating soils that are highly sensitive to moisture and have high shrink/swell potential such as fat clays.

Can the Surface be Trafficked Immediately After Installation?

Yes. Traffic can be allowed on the treated surface immediately following the final compaction. Traffic loading helps the Intresoil™ treated layer densify which increases the bearing capacity of the treated layer.

Will Intresoil™ Reduce Maintenance Activities and Costs?

Yes, maintenance is significantly reduced with the installation of Intresoil™. Intresoil™ reduces gravel loss by locking the gravel in the surface. Intresoil™ maintains the strength of the treated layer even when saturated, reducing the need to remediate potholes, ruts and other issues prone to occur during wet conditions.