



## TerraLoc Synthetic Resin Hydrocarbon Binder

Is used for the purposes of creating solid bonded soil and gravel.

The Synthetic Resin Hydrocarbon Binder is cold mixed on site through a chemical reaction by mixing bitumen emulsion, synthetic resin, water and a proprietary catalyst. The mixture is added to crushed stone, natural gravels or insitu material to form a water resistant, elastic and robust layer. The product improves the compressive, tensile and shear strength including abrasion and water resistance of the materials for cable protection. The product is insoluble in water and does not leach into the environment.

TerraLoc is manufactured under license in South Africa under Agreement SA

Certification. Terraloc acts as a conductor and does not isolate the heat which is dissipated by the electrical cable. TerraLoc can be mixed with insitu or onsite material or imported soil and will achieve at least a C3 rating.

We can offer training and test case results if required.

TerraLoc can achieve Wet ITS strengths in excess of 250 in accordance with (TG2 2020 Bsm designs).

TerraLoc has a shelf life of 3 months or more.

## Cold in-situ stabilization

What is in-situ stabilization?

Stabilization is mixing binder agents into crushed stone, natural gravel or sand in order to prevent movement under loading and resist environmental effects. In-situ relates to using the materials that are already on site. The stabilized material is surfaced with a bitumen seal.

What can it do for your projects?

- Save Money – 30% or more vs conventional methods
- Save Time – up to 3 times faster curing
- Save the environment – less material transport means less greenhouse gasses, more efficient use of bitumen products.

Where can you use it?

- Rehabilitation of existing roads
- New road construction
- Underground asset protection
- Dust control
- Vegetation control