



Fluid Containment Leaders

Calcium Aluminate Cement

Details of a field of expertise of Shield Technology:

Calcium Aluminate Coating of Manholes, Pump Stations and Waste Water Treatment Plants

Shield Technology comes with more than 25 years experience in coatings, and provides professional services using Calcium Aluminate Cement. Shield Technology specialises in minimal-man entry solutions utilising the latest application equipment.

Products



SEWERCOAT

Equipment





Scope of Shield Technology works:

Calcium Aluminate Cement Coatings

Calcium Aluminate Cement coating benefits:

- Moisture tolerance and no pinholing on application.
- Reinstatement of structural integrity. Nominal 63 MPa compressive strength.
- Reduced pH levels, long-lasting suppression of bacterial activity and biogenic corrosion.

Calcium Aluminate Cement has been used in sewer environments successfully for over 70 years.

Manhole renovation:

- Degraded material and contaminants are removed with non-man entry high pressure cleaning assembly.
- Calcium Aluminate Cement is pumped through a rotor stator pump and applied via an electric winch controlled, air powered centrifugal spinning head.

