

Stabilite FA-LX

A Substitute for Traditional Lime Stabilisation

Downer's Stabilite FA-LX is an innovative stabilisation binder that combines lime with recycled fly ash from VISY's manufacturing and recycling operations, delivering a practical alternative to traditional lime stabilisation.

Stabilite FA-LX contains a prescribed waste by-product from VISY's co-generation operation in Victoria that would otherwise require disposal. By incorporating this material into pavement construction and ground improvement works, customers can reduce reliance on virgin lime products while achieving equivalent performance outcomes.

An evidence-based ground improvement solution



Reuses industrial by-products in civil construction applications



Developed and tested for expansive and difficult subgrade conditions



Can be tailored to project requirements and geotechnical conditions



Supports lower-carbon pavement and earthworks solutions



Compatible with established stabilisation construction practices



Supported by quality assurance processes and project-specific testing programs

Enquiries

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Supported by Downer's stabilisation expertise, laboratory capability and field delivery experience, Stabilite FA-LX provides customers with a practical option for improving ground conditions while reducing environmental impact.

Stabilite FA-LX has been used in subdivision developments and evaluated across multiple expansive subgrade materials to demonstrate its performance in ground improvement applications.

Suitable Applications

- Expansive subgrade improvement
- Road and pavement earthworks
- Residential and industrial subdivisions
- Ground improvement works
- Engineering and non-engineering soil treatment applications
- Commercial and industrial developments
- Transport infrastructure projects
- Pavement rehabilitation and reconstruction works



Stabilite FA-LX Product Certification

Stabilite FA-LX is supported by a dedicated design guide, quality plans and inspection and testing procedures to help ensure consistent project outcomes. Stabilite FA-LX has also been assessed through NTRC's Transport Infrastructure Product Evaluation Scheme (TIPES).