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NovaDrain ND

NovaDrain ND is a prefabricated vertical drain (PVD) consisting of a fin-shaped drainage core encased in a geotextile filter jacket. It is designed to accelerate the consolidation of soft foundations by providing a shortened drainage path for pore water to escape vertically. The inner drainage core facilitates efficient water flow, while the outer filter jacket prevents clogging by soil particles, ensuring a consistent and effective drainage path throughout the consolidation process.

To maintain reliable performance, NovaDrain ND is manufactured under strict production and quality control standards, tailored to meet specific project requirements. This drainage solution is commonly used in conjunction with temporary surcharging or vacuum pre-consolidation methods to reduce both the duration and magnitude of post-construction settlement.

Office location: SO-18-1, Menara 1, Strata Office,
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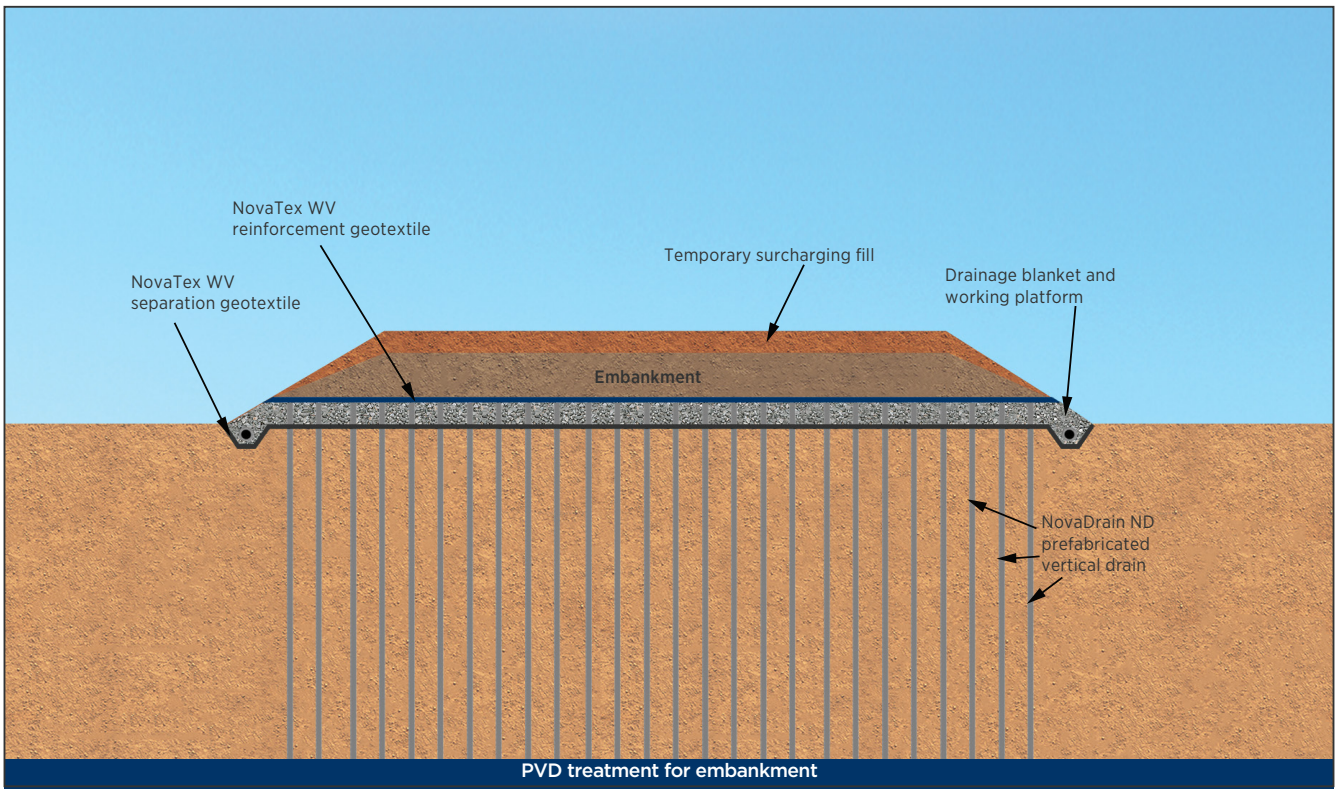

PVD treatment for embankment

Features:

- **Versatile product grades to suit various project and standard requirements**

  NovaDrain ND is available in multiple product grades with varying discharge capacities and filter jacket thicknesses, ensuring compatibility and optimal performance across different site conditions and design specifications.

- **Available in uniaxial and biaxial configurations to meet various design requirements**

  NovaGrid NG reinforcement geogrid is available in both uniaxial and biaxial tensile strength configurations. The biaxial version eliminates the need for installing two layers of uniaxial geogrids perpendicular to each other, streamlining installation and improving efficiency.

Typical Application :

- Road, railway and airport
- Building and industrial development
- Ports and harbours
- Storage facilities
- Coastal land reclamation

Functions :

- Filtration
- Drainage

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