

Accelerating Soil Consolidation Time From Years to Months Introducing StrataDrain™ PVD (Prefabricated Vertical Drain)

StrataDrain™ PVD (Prefabricated Vertical Drain) are meticulously engineered to accelerate soil consolidation. Designed for superior performance, these drains efficiently channelize pore water from saturated clay soils, significantly reducing settlement time from years to months.

Precision Engineering in the Making-

Core Manufacturing:

The core of StrataDrain™ PVD is manufactured from polypropylene (PP), for exceptional strength and resistance to harsh environmental conditions.

Available in corrugated and fishbone structures, for maximum drainage efficiency while resisting compression during installation.

Filter Fabric Application:

A non-woven geotextile, made from polyester or polypropylene, is meticulously wrapped around the core as an efficient filter layer.

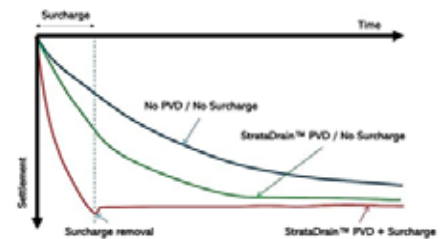
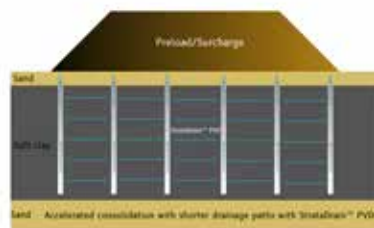
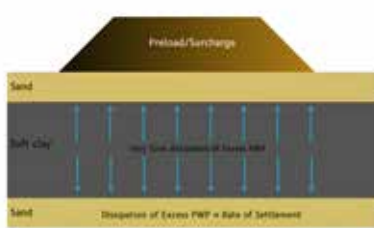
Permits water to flow freely while blocking soil particles, prevents clogging with sustained drainage performance.

Precision Manufacturing & Quality Control:

The jacketing process ensures a uniform and secure fit around the core for structural integrity during installation and operation.

Strict quality checks for every batch ensures high tensile strength, discharge capacity, and resistance to installation stresses.

StrataDrain™ PVD – Accelerating soil consolidation for stronger foundation



Advantages of StrataDrain™ PVDs

- High Durability-** Endures challenging soil conditions and withstands installation stress
- Superior Drainage Efficiency-** Features an optimised core for smooth and effective water discharge
- High Strength & Flexibility-** Delivers reliable performance, even under crumpled or buckled conditions
- Clog-Resistant Design-** Non-woven geotextile prevents clogging
- Long-Term Soil Stability-** Enhances load-bearing capacity, reducing risks of differential settlement

Where StrataDrain™ PVDs Bring Value-



Railways



Highways & Expressways



Ports & Container Yards



Land Reclamation & Coastal Development



Industrial & Commercial Infrastructure



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