ABSTRACT

DRAIN ROLL PACKAGE

Embodiments of the present invention provide drain roll packages which are capable of supplying a continuous drain band for soil consolidation operation based on the prefabricated vertical drain technology. In one embodiment, a drain roll package includes a drain band and a reel around which the drain band is wound to form a plurality of windings. The drain band has a core and a shield surrounding the core. At least one of the windings is progressively shifted along a first axial direction of the reel such that a tail end of said at least one of the windings is offset from a head end of said at least one of the windings along the first axial direction. Drain roll packages formed according the present invention can supply a much longer drain band without increasing the external diameter of the drain roll package.

(Fig. 1)