

HORIZONTAL DRAINAGE MATERIAL WITH IMPROVED DRAINAGE EFFICIENCY

ABSTRACT

5 Proposed is a horizontal drainage material which enables soft ground treatment in a short time and has no risk of deterioration in drainage efficiency by quickly draining excess pore water as the material prevents clogging and does not cause a poor drainage problem due to loss of
10 pore water. The drainage material includes a core for a horizontal drainage material including a plurality of drainage groove parts provided at regular intervals from a first side to a second side, a plurality of horizontal connection plate parts, each of which extends
15 horizontally between upper ends of adjacent drainage groove parts among the plurality of drainage groove parts and connects the adjacent drainage groove parts to each other, and a support wall configured to protrude upward from a middle of a bottom surface of each of the drainage groove
20 parts and have a height lower than that of each of the horizontal connection plate parts, and a filter part including a filter body in which the core for a horizontal drainage material is accommodated, and a wing member provided on one side of an upper portion of the filter body or on one side and the other side of the upper portion of the filter body.

(Fig. 1)