

WATER-PERMEABLE AND WATER-ABSORBING ECO-PAVEMENT ABSTRACT OF THE DISCLOSURE

A water-permeable and water-absorbable ecological paving is formed of a water-permeable material that is commonly used in pavement construction and is mixed with unique hollow bodies, whereby all constituent components of the engineering material are uniformly mixed and laid to form an ecological paving layer. In addition to the water permeability of the base material, the paving layer also provide the functions of absorbing water, storing water, and retaining water, so as to reduce the likelihood of occurrence of water accumulation on the surface flooding and also to allow water to be greatly retained in the interior of the paving layer, whereby water vapor can be released from the interior to alleviate heat island effect in case of high temperature of the atmosphere.

Fig. 1