

Roads, Parking Lots
and Airfields
(Asphalt-based)

Permeable Asphalt Pavement



This pavement has a structure which allows rainwater to permeate through the surface course, the base course, and the subbase.

Overview

- Pavement that allows rainwater on the pavement to permeate through the surface course, the base course, and the subbase via open-graded asphalt mixed course.
- It can be classified into two categories: A subgrade permeation type with a structure allowing rainwater to permeate through to the original ground; and a temporary storage type with a structure which delays the run-off of rainwater.

Features

- Reduces water splashing onto pedestrians.
- Effective for conserving and recharging groundwater.
- Effective for inhibiting run-off of rainwater into sewers and rivers.

Applications

- Walking paths, trails, parking lots, parks etc.

Basic structure of permeable asphalt pavement

