

Product Name :
Permeability Apparatus

Product Code :
Soil Testing0033



Description :

Permeability Apparatus

Technical Specification :

One of the durability tests of concrete is to determine permeability of water through specimen. Permeability apparatus is used for determining the permeability of cement mortar and concrete specimens of 15cm cubes cast in the laboratory.

Specifications:

The concrete permeability apparatus comprises of a gauged cell of square cross section mounted on a stand and a pressure chamber is connected to the cell through copper tubing and T connector mounted on the stand with valve packed valve and rubber hose pipe with end connections. The cell assembly consists of one base plate, one metal funnel and one top plate. The pressure chamber is fitted with a pressure regulator which helps in regulating the pressure from 0-10kg/cm² gauge is for indicating the pressure in the cell. A foot pump and a pressure tube is supplied to develop pressure in the chamber. The apparatus is supplied with a measuring cylinder 200 cc to measure percolated quantity of water.