

ISO 17313:2004-07 (E)

Soil quality - Determination of hydraulic conductivity of saturated porous materials using a flexible wall permeameter

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Terms and definitions	1
3	Significance and use	1
4	Reagents	2
5	Apparatus	2
6	Test specimen	5
6.1	Specimen dimensions	5
6.2	Undisturbed specimen	5
6.3	Laboratory-compacted specimen	5
6.4	Other preparation methods	6
7	Procedure	6
7.1	Specimen set-up	6
7.2	Specimen soaking	6
7.3	Back-pressure saturation	6
7.4	Consolidation	7
7.5	Permeation	8
7.6	Final dimensions of the specimen	9
8	Calculation	9
8.1	Tests at constant head and constant flow rate (Methods A and D)	9
8.2	Falling-head tests	10
9	Test report	12
Bibliography		13