

DIN EN 12390-18:2025-02 (E)

Testing hardened concrete - Part 18: Determination of the chloride migration coefficient (includes Amendment A1:2024)

Contents	Page
European foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Symbols	5
5 Principle	5
6 Apparatus and equipment	5
7 Preparation of specimens	8
7.1 Preparing sub-specimens.....	8
7.2 Preparing test specimens.....	9
8 Procedure	9
8.1 Installation of the test specimens in the migration cell.....	9
8.2 Installation of the migration cell in the migration apparatus.....	9
8.3 Test procedure.....	10
9 Test evaluation	13
9.1 Determination of the mean and maximum penetration depth.....	13
9.2 Determination of the chloride migration coefficient M_{nss}	13
10 Variations of the procedure	14
10.1 Specimens of sprayed mortar and sprayed concrete.....	14
11 Report	14
12 Precision estimate	15
Annex A (informative) Background to chloride migration testing	17
Bibliography	18