DIN EN 15803:2010-04 (E)

Conservation of cultural property - Test methods - Determination of water vapour permeability (<delta><(Index)p>)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 6

5 Symbols and abbreviations 6

6 Test equipment 7

7 Preparation of test specimens 10
7.1 Number and dimensions of test specimens 10

8 Test procedure 10
8.1 General 10
8.2 Test environmental conditions 10
8.3 Procedure 11

9 Expression of results 11
9.1 Cumulative mass change and density of water vapour flow rate 11
9.2 Water vapour permeance 12
9.3 Water vapour permeability 12
9.4 Water vapour diffusion resistance coefficient 12
9.5 Water vapour diffusion-equivalent air layer thickness 12

10 Test report 12

Bibliography 14