

ISO 1663:2023-08 (E)

Rigid cellular plastics - Determination of water vapour transmission properties

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	2
5	Apparatus and materials	2
6	Sample	3
7	Test specimens	4
7.1	Dimensions	4
7.1.1	Shape and fit	4
7.1.2	Thickness	4
7.1.3	Exposed area	5
7.2	Number	5
7.3	Conditioning	5
8	Procedure	5
9	Expression of results	7
9.1	Calculation of constant rate of change of mass	7
9.2	Calculation of water vapour transmission rate	7
9.3	Uncorrected calculation of water vapour transmission rate	7
10	Precision	9
11	Test report	9
Annex A (normative) Preparation of test assemblies		11
Annex B (informative) Derivation of the formula for calculating the water vapour diffusion resistance index		13
Bibliography		16