DIN EN 674:2011-09 (E)

Glass in building - Determination of thermal transmittance (U value) - Guarded hot plate method

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 5

4 Basic formula 5

5 Brief outline of the measuring procedure 5

6 Test apparatus 5

7 Dimensions of the specimens 6

8 Preparation of the specimens 6

9 Performance of the measurements 7

10 Evaluation of the results 7
10.1 Thermal resistance of the multiple glazing 7
10.2 Declared U Value 7
10.3 Design U value 8

11 Expression of the results 8
11.1 U values 8
11.2 Thermal resistance 8
11.3 Intermediate values 8

12 Test report 9
12.1 Information included in the test report 9
12.2 Identification of each glazing specimen 9
12.3 Cross section of the specimen 9
12.4 Results 9

Bibliography 11