DIN EN 675:2011-09 (E)

Glass in building - Determination of thermal transmittance (U value) - Heat flow meter method

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Basic formula 6

5 Brief outline of the measuring procedure 6

6 Test apparatus 6

7 Calibration of the test apparatus 10

8 Dimensions of the specimens 10

9 Preparation of the specimens 10

10 Performance of the measurements 11

11 Evaluation of the results 11
11.1 Thermal resistance of the multiple glazing 11
11.2 Declared U value 11
11.3 Design U value 12

12 Expression of results 12
12.1 U values 12
12.2 Thermal resistance 12
12.3 Intermediate values 12

13 Test report 12
13.1 Identification of the specimens 12
13.2 Cross section of the specimen 13
13.3 Results 13

Bibliography 14