DIN EN 15636:2010-11 (E)

Sanitary appliances - Shower trays made from impact modified extruded acrylic sheets - Requirements and test methods

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Requirements 4
4.1 General 4
4.2 Material 4
4.3 Surface appearance 4
4.4 Waste outlet hole 4
4.5 Overflow hole 5
4.6 Hole edges 5
4.7 Dimensional deviations 5
4.8 Geometric deviations 5
4.8.1 General 5
4.8.2 Squaring 5
4.8.3 Straightness of the rim sides 5
4.8.4 Straightness of the bottom edge of the rim 5
4.8.5 Flatness of the top surface of rim 5
4.9 Bottom of the shower tray 5
4.10 Resistance to temperature changes 6
4.11 Resistance to impact 6
4.12 Permitted deflections 6
4.13 Rim 6

5 Marking 6

Annex A (normative) Shower tray test methods 7

A.1 Sequence of tests 7
A.2 Geometric deviations 7
A.2.1 Test apparatus 7
A.2.2 Squaring 7
A.2.3 Straightness of the rim side 8
A.2.4 Straightness of the bottom edge of the rim 9
A.2.5 Flatness of the top surface of the rim 10
A.3 Resistance to temperature change 11
A.3.1 Test apparatus 11
A.3.2 Procedure 11
A.4 Resistance to impact 12
A.4.1 Test apparatus 12
A.4.2 Procedure 12
A.5 Determination of deflections 12
A.5.1 General 12
A.5.2 Test apparatus 12
A.5.3 Preloading 13
A.5.4 Deflection test 1 - Deflection of the rim and the bottom due to a load on the bottom 13
A.5.5 Deflection test 2 - Deflection of the rim due to a load on the rim on the side of entry 14

Bibliography **17**