

DIN EN 15720:2010-04 (E)

Sanitary appliances - Shower trays made from impact modified coextruded ABS/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	Shower tray 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	13
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	14
A.5.5	Deflection test 2 - Deflection of the rim due to a load on the rim on the side of entry	15
Bibliography		18