

# DIN EN 15719:2016-02 (E)

## Sanitary appliances - Baths made from impact modified coextruded ABS/acrylic sheets - Requirements and test methods

---

<b>Contents</b>		<b>Page</b>
European foreword .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	Requirements .....	5
4.1	General .....	5
4.2	Material .....	5
4.3	Surface appearance .....	5
4.4	Waste outlet hole .....	5
4.5	Overflow hole .....	6
4.6	Hole edges .....	6
4.7	Bath-mounted tapware .....	6
4.8	Handgrips .....	6
4.9	Dimensional deviations .....	6
4.10	Geometric deviations .....	6
4.10.1	General .....	6
4.10.2	Squaring .....	6
4.10.3	Straightness of the rim sides .....	6
4.10.4	Straightness of the bottom edge of the rim .....	6
4.10.5	Flatness of the top surface of the rim .....	7
4.11	Bottom of the bath .....	7
4.12	Resistance to temperature changes .....	7
4.13	Resistance to impact .....	7
4.14	Permitted deflections .....	7
4.15	Bath rims .....	7
4.16	Surface mechanical resistance .....	8
4.17	Chemical and stain resistance .....	8
5	Marking .....	8
Annex A (normative) Bath test methods .....		9
A.1	Sequence of tests .....	9
A.2	Geometric deviations .....	9
A.2.1	Test apparatus .....	9
A.2.2	Squaring .....	9
A.2.3	Straightness of the rim side .....	10
A.2.4	Straightness of the bottom edge of the rim .....	11
A.2.5	Flatness of the top surface of the rim .....	12
A.3	Resistance to temperature change .....	13
A.3.1	Test apparatus .....	13
A.3.2	Procedure .....	13
A.4	Resistance to impact .....	14
EN 15719:2015 (E) A.4.1 Test apparatus .....		14
A.4.2	Test procedure .....	14
A.5	Determination of deflections .....	15

A.5.1	General .....	15
A.5.2	Test apparatus .....	15
A.5.3	Installation methods .....	16
A.5.4	Preloading .....	18
A.5.5	Deflection test 1 - Deflection of the rim and the bottom due to a load on the bottom .....	18
A.5.6	Deflection test 2 - Deflection of the bottom and rim due to a load on the bottom .....	20
A.5.7	Deflection test 3 - Deflection of the rim due to a load on the long side of the rim .....	21
A.5.8	Deflection test 4 - Deflection of the rim due to a load on the end of the bath .....	22
A.6	Handgrip tests .....	24
A.6.1	General .....	24
A.6.2	Test apparatus .....	24
A.6.3	Procedure .....	24
A.7	Resistance to scratching .....	24
A.7.1	Test apparatus .....	24
A.7.2	Test specimen .....	25
A.7.3	Procedure .....	25
Bibliography .....		27