

DIN EN 198:2008-11 (E)

Sanitary appliances - Baths made from crosslinked cast acrylic sheets - Requirements and test methods

Contents		Page
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	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
A.4.1	Test apparatus	14
A.4.2	Procedure	14
A.5	Determination of rigidity	15
A.5.1	General	15
A.5.2	Test apparatus	15
A.5.3	Installation methods	17

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	23
A.6.1	General	23
A.6.2	Test apparatus	23
A.6.3	Procedure	23
B.1	General	24
B.3.1	General comment	24
B.3.2	Scope	24
B.3.3	Clause 2, Normative references	24
B.3.4	Clause 3, Terms and definitions	24
B.3.5	Clause 4, Requirements	24
B.3.6	Annex A	25