

DIN EN 14527:2019-06 (E)

Shower trays for domestic purposes (includes Amendment :2018)

Contents		Page
European foreword		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Classification	6
5	!Characteristics for Type 1 products"	6
5.1	General	6
5.2	Cleanability	6
5.2.1	Appearance of surface	6
5.2.2	Drainage of water	6
5.3	Durability	6
5.3.1	General	6
5.3.2	Stability of bottom	6
5.3.3	Resistance to chemicals and staining agents	6
5.3.4	Resistance to temperature changes	7
6	!Characteristics for Type 2 products"	8
6.1	General	8
6.2	Cleanability	8
6.2.1	Appearance of surface	8
6.2.2	Drainage of water	8
6.3	Durability	8
6.3.1	General	8
6.3.2	Materials	8
7	Dangerous substances	8
8	Test methods	9
8.1	Stability of the bottom of the shower tray	9
8.1.1	Test apparatus	9
8.1.2	Determination of the load	9
8.1.3	Procedure	9
8.2	Chemical resistance	9
8.2.1	Principle	9
8.2.2	Test apparatus and chemicals	9
8.2.3	Test specimens	10
8.2.4	Procedure	10
8.2.5	Expression of results	11
8.3	Resistance to temperature changes	11
8.3.1	Test apparatus	11
8.3.2	Procedure	11
9	Marking, labelling and packaging	11
10	Assessment and verification of constancy of performance - AVCP	12
10.1	General	12
10.2	Type testing	13

10.2.1	General	13
10.2.2	Samples, testing and compliance criteria	13
10.3	Factory production control	14
10.3.1	General	14
10.3.2	Equipment	14
10.3.3	Raw materials and components	15
10.3.4	Product testing and assessment	15
10.3.5	Non-conforming products	15
10.3.6	Corrective action	15
Annex A (informative) Materials		16
A.1	Synthetic materials	16
A.2	Ceramic materials	16
A.2.1	Vitreous china	16
A.2.2	Fireclay	16
A.3	Enamelled materials	16
A.3.1	Enamelled cast iron	16
A.3.2	Enamelled steel	16
A.4	Stainless steel	17
A.5	Natural stone	17
Annex B (informative) Surface of shower trays		18
Annex ZA (informative) "Relationship of this European Standard with Regulation No. 305/2011"		19
ZA.1	Scope and relevant characteristics	19
ZA.2	System of Assessment and Verification of Constancy of Performance (AVCP)	19
ZA.3	Assignment of AVCP tasks	20
Bibliography		21