

DIN EN 124-3:2015-09 (E)

Gully tops and manhole tops for vehicular and pedestrian areas - Part 3: Gully tops and manhole tops made of steel or aluminium alloys

Contents	Page
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Materials	6
4.1 General	6
4.2 Steel	7
4.2.1 General	7
4.2.2 Hot dip galvanizing	7
4.3 Stainless steel	7
4.4 Aluminium alloy	8
4.5 Cover fillings	8
5 Requirements	8
5.1 Design and performance requirements	8
5.2 Covers with fillings	10
5.3 Material-specific characteristics for gully tops and manhole tops made of mild steel or aluminium alloys	10
5.3.1 Reaction to fire	10
5.3.2 Durability	11
5.3.3 Dangerous substances	11
5.4 Additional requirements for gully tops and manhole tops made of steel or aluminium alloys	11
5.4.1 Fabrication	11
5.4.2 Deflection under load	12
6 Testing	12
6.1 General	12
6.2 Testing of deflection under load	12
7 Assessment and verification of constancy of performance - AVCP	12
7.1 General	12
7.2 Type testing	12
7.2.1 General	12
7.2.2 Test samples, testing and compliance criteria	13
7.2.3 Test reports	15
7.2.4 Shared other party results	15
7.3 Factory production control (FPC)	16
7.3.1 General	16
7.3.2 Requirements	16
7.3.3 Product specific requirements	21
7.3.4 Initial inspection of factory and of FPC	21
7.3.5 Continuous surveillance of FPC	22
7.3.6 Procedure for modifications	22
7.3.7 One-off products and products produced in very low quantity	22
8 Designation	23

9	Marking	25
	Annex A (normative) Test of deflection under load	26
A.1	Test samples	26
A.2	Deflection test load, FD	26
A.3	Apparatus	26
A.4	Procedure	26
A.5	Observations and reporting	27
	Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation	28
Z.A.1	Scope and relevant characteristics	28
Z.A.2	Procedures for AVCP of gully tops and manhole tops made of steel or aluminium alloys	30
Z.A.3	CE marking and labelling	34
	Bibliography	36