DIN EN 13407:2018-12 (E)

Wall-hung urinals - Functional requirements and test methods (includes Amendment :2018)

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Principles of design 6
4.1 General 6
4.2 Flushing volume and flow rate 6

5 Classification 7

6 Functional !characteristics" and test methods for !type" 1 products 7
6.1 Depth of water seal 7
6.2 Flushing !characteristics" 7
6.3 Water absorption 8
6.4 Load resistance 8
6.5 Durability of !type" 1 products 9
6.6 Test methods 9

7 Functional !characteristics" and test methods for !type" 2 products 12
7.1 Depth of water seal 12
7.2 Cleanability 12
7.3 Load resistance 12
7.4 Durability of !type" 2 products 12
7.5 Test methods 12

8 Dangerous substances 12

9 Marking 13

10 Assessment and verification of constancy of performance - AVCP 15
10.1 General 15
10.2 Type testing 15
10.3 Factory production control (FPC) 16

Annex A (normative) Test rig for urinals intended to be flushed by a flush valve 18

Annex B (normative) Test rig for urinals intended to be flushed by a manually operated flushing cistern 20

Annex C (normative) Test rig for urinals intended to be flushed by an automatic flushing cistern with valve-less outlet device 24

Annex ZA (informative) Relationship of this European Standard with Regulation (EU) No. 305/2011 .26

Bibliography 28