DIN EN ISO 8936:2017-05 (E)

Awnings for leisure accommodation vehicles - Requirements and test methods (ISO 8936:2017)

Contents

Page

European foreword **4**

Foreword **5**

Introduction **6**

1 Scope **7**

2 Normative references **7**

3 Terms and definitions **8**

4 Classification of awnings **11**
4.1 Winter awning (Type W) 11
4.2 Residential awning (Type R) 11
4.3 Touring awning (Type T) 12
4.4 Light-weight awning (Type L) 12

5 Requirements **12**
5.1 Dimensions 12
5.1.1 General 12
5.1.2 Entrance/exit dimensions 12
5.1.3 Standing height 12
5.1.4 Awning perimeter size 12
5.2 Fabrics 13
5.2.1 General 13
5.2.2 Coated or laminated roofs made of fabrics for types W, R, T and L 14
5.2.3 Non-coated roofs made of fabrics for types W, R, T, and L 14
5.2.4 Coated or laminated walls made of fabrics for types W, R, T, and L 14
5.2.5 Non-coated walls made of fabrics for types W, R, T, and L 14
5.2.6 Resistance to cracking at low temperatures 15
5.2.7 Dimensional stability 15
5.2.8 Colour fastness 15
5.2.9 Resistance to weathering 15
5.2.10 Flammability 16
5.3 Zip fasteners 16
5.4 Frame assembly 16
5.5 Guying and ground fastening 17
5.6 Metallic parts 18
5.7 Awning attachment to the vehicle 18
5.8 Ventilation 18
5.9 Draught exclusion 18
5.9.1 External mud wall 18
5.9.2 Internal mud wall 18
5.10 Window-cover 18
5.11 Rain resistance 18
5.12 Resistance to roof load 19
5.13 Accessories 19
5.14 Means of escape 19

6 Testing **19**
6.1 General 19
6.2 Zip fasteners 19
6.3 Frame assembly 20
6.3.1 Test of load capacity 20
6.3.2 Corrosion 20
6.3.3 Testing of the shearing and crushing points 20
6.4 Guying system, ground fastening and mud wall pegging points 21
6.4.1 Guying system 21
6.4.2 Ground fastening and mud wall pegging points 21
6.5 Awning attachment (channel cord) 22
6.6 Rain resistance 22
6.6.1 General 22
6.6.2 Rain-shower test 23
6.6.3 Resistance of seams and material to water ingress from pooled water (trough test) 23

7 Marking **24**
7.1 Warning notices 24
7.2 Product identification 25

8 Information supplied by the manufacturer **25**
8.1 Information at the point of sale 25
8.2 Information accompanying the awning 26

Annex A (informative) **Warning notice for fire prevention and ventilation advice** **28**

Annex B (informative) **Warning notice fire flame retardant precautions** **30**

Annex C (informative) **Example for the display of information at the point of sale** **31**

Bibliography **32**