DIN EN 1384:2023-06 (E)

Helmets fo requestrian activities

Contents

Page

European foreword 3

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 7

4 Requirements 8
4.1 General 8
4.2 Ergonomics 8
4.3 Materials innocuousness 8
4.4 Finish and projections 9
4.5 Extent of protection 9
4.6 Shock absorption 9
4.7 Penetration 9
4.8 Mechanical strength 9
4.9 Retention system 9
4.10 Peak 10
4.11 Field of vision 11
4.12 Durability after testing 11

5 Testing 12
5.1 Visual inspection 12
5.2 Assessment of extent of the area of protection and marking of test area 13
5.3 Headforms 14
5.4 Field of vision 14
5.5 Test sequence and number of samples 14
5.6 Testing atmosphere and conditioning 15
5.7 Shock absorption 16
5.8 Resistance to penetration 17
5.9 Mechanical strength 18
5.10 Retention system strength 19
5.11 Retention system effectiveness 20
5.12 Peak deflection 20
5.13 Test of materials innocuousness 21

6 Marking and labelling 22
6.1 Marking 22
6.2 Information and instruction for the user 22

Annex ZA (informative) Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered 24

Bibliography 26