DIN EN 16508:2016-02 (E)

Temporary works equipment - Encapsulation constructions - Performance requirements and general design

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Materials 8

5 General requirements 9
5.1 General 9
5.2 Access 9
5.3 Openings 9
5.4 Moveable structures 9

6 Classification of snow/minimum load classes 9

7 Structural design 9
7.1 General 9
7.2 Support 10
7.3 Method of design 10
7.4 Actions 10
7.4.1 General 10
7.4.2 Permanent actions, Q1 10
7.4.3 Variable imposed actions, Q2 - Q4 11
7.4.4 Climatic loads 11
7.5 Load combinations 12
7.6 Extent of static calculation 13
7.6.1 Ultimate limit state 13
7.6.2 Static equilibrium 14
7.6.3 Local sliding 15
7.6.4 Loads on flexible sheeting 16

8 Documentation 16

Annex A (informative) Pressure coefficients for the external pressure, cpe 17

Annex B (informative) A-deviations 20

Bibliography 21