

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