

ISO 11336-1:2012-07 (E)

Large yachts - Strength, weathertightness and watertightness of glazed openings - Part 1: Design criteria, materials, framing and testing of independent glazed openings

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and abbreviated terms	6
5	Design criteria	8
5.1	General	8
5.2	Strength	8
5.3	Watertightness	9
5.4	Weathertightness	9
5.5	Design loads	9
5.6	Scantling determination of panes	12
6	Framing	19
6.1	Framing types	19
6.2	Framing dimensions	20
6.3	Support pads	21
6.4	Material requirements for the framing	22
7	Materials	23
7.1	Materials selection	23
7.2	Testing of materials	24
7.3	Testing of appliances	26
8	Storm shutters and deadlights	30
8.1	Storm shutters	31
8.2	Deadlights	34
8.3	Owner's manual	35
Annex A (normative) Unsupported pane dimensions		36
Annex B (normative) Calculation of the stiffness of a pane		38
Annex C (informative) Scantling equation		39
Annex D (informative) Statistical coefficient K_n and worked example		40
Annex E (informative) Worked examples of equivalent thickness calculation for Type A laminates ..		41
Annex F (informative) Worked examples of equivalent thickness calculation for Type B laminates ..		43
Annex G (informative) Design pressure in lieu of storm shutters		44
Annex H (normative) Effective width of plating		46
Bibliography		48