

Floating leisure articles for use on and in the water

Part 3: Additional specific safety requirements and test methods for Class A devices

ICS 97.200.50; 97.220.40

National foreword

This British Standard is the UK implementation of EN 15649-3:2009+A1:2012. It supersedes BS EN 15649-3:2009 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee SW/136, Sports, playground and other recreational equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English Version

**Floating leisure articles for use on and in the water - Part 3:
Additional specific safety requirements and test methods for
Class A devices**

Articles de loisirs flottants à utiliser sur ou dans l'eau -
Partie 3: Exigences de sécurité et méthodes d'essai
complémentaires propres aux dispositifs de Classe A

Schwimmende Freizeitartikel zum Gebrauch auf und im
Wasser - Teil 3: Zusätzliche besondere
sicherheitstechnische Anforderungen und Prüfverfahren für
Artikel der Klasse A

This European Standard was approved by CEN on 11 September 2009 and includes Amendment 1 approved by CEN on 29 November 2011.

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Foreword

This document (EN 15649-3:2009+A1:2012) has been prepared by Technical Committee CEN/TC 136 "Sports, playground and other recreational facilities and equipment", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

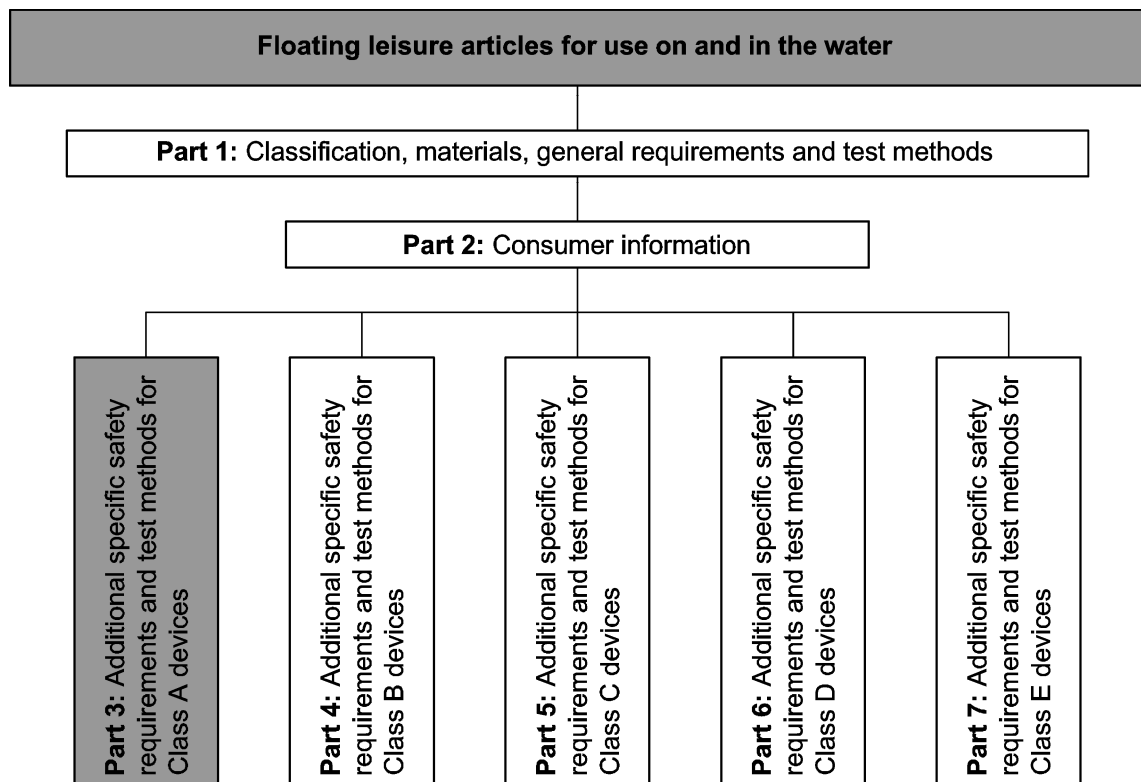
This document includes Amendment 1, approved by CEN on 2011-11-29.

This document supersedes EN 15649-3:2009.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This European Standard is one of a series consisting of seven standards dealing with floating leisure articles for use on and in the water.



Compliance of a product to this standard requires that the requirements of the relevant specific part and additionally, the requirements of EN 15649-1 and EN 15649-2 shall be met. If a product includes multiple use related to several classes it has to meet the requirements of all these classes.

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

Introduction



Interior Structure Class A

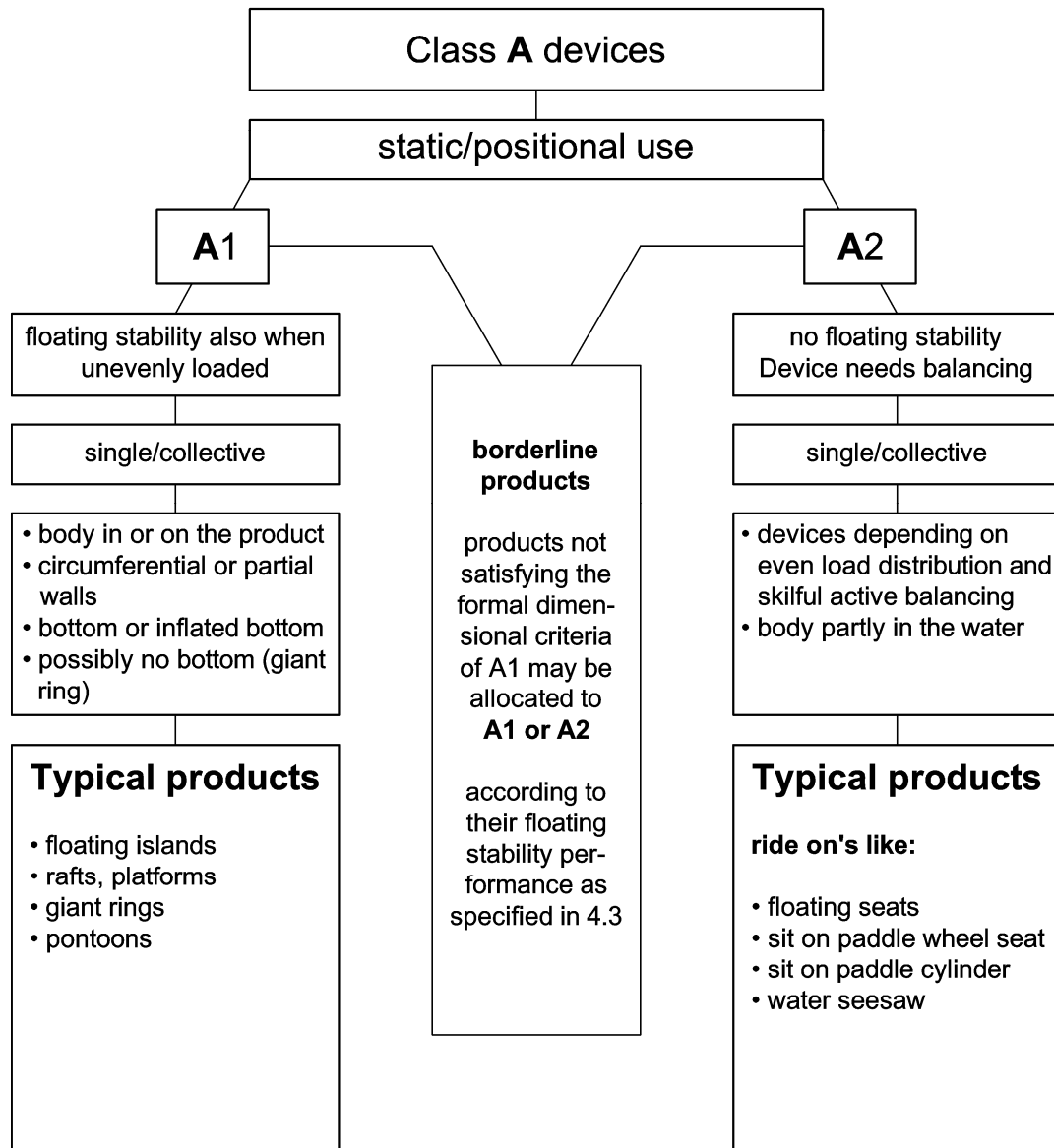


Table 1 — Introductory risk analysis

Class	Typical products	Place of usage	Function; range of usage; target / age group	Type of movement / propulsion	Position of user regarding equipment and elevation above water	Predictable misuse	Partial risk related to water environment	Final risk	1.1 Protection aims; 1.2 Related standard / regulation
A1	floating inflatable lands; recreational raft; platform/ pontoon, etc	sea shore, close to shore; lakes; smoothly running rivers; public / private pools; ponds	relaxing, resting on the water; sunbathing; basis for bathing and swimming / playing; device providing high level of floating stability; single and collective use; all age groups, swimmers	static use within limited area; little action; movement by pushing through swimming strokes only; no mechanical means of propulsion	on or in (side walls) the device, laying, sitting, no direct body fit; grab handles might exist but resting does not depend on gripping / balancing; no dangerous height of fall	dangerous distance from the bank / shore; use in currents and/or dangerous offshore winds; use by non-swimmers; fall over board; no diving platform!	unnoticed drifting to open waters; falling asleep and consequently extreme sunburn, etc.; capsizing; skin irritation due to long duration of skin contact / dangerous substances in contact with skin; climbing back?; hypothermia; cold shock	D R O W N I N G	floating stability; minimum buoyancy; residual buoyancy; space, safety handles / lines; anchor-ages; warning notes, labelling, swimmers only, age restriction according to EN ISO 6185-1, EN ISO 6185-2 and EN ISO 6185-3
A2	Large buoyant structures	sea shore / close to shore; lakes, public / private pools; ponds	action, playing in the water; balancing children; collective and single use; all age groups, swimmers	drifting; propulsion only by swimming strokes or third party	on the device; loose fit via handles; no dangerous height	use by non-swimmers; use in current, canal, lack of supervision	drifting away in open waters due to wind and/or current; devices provokes use in deep; used by non-swimmers; falling into deep water		labelling, residual buoyancy, grab handles, supervision; warnings
1/2	air mattress for use in water; floatable pool loungers; floating seating structures; giant rings / tubes (A1)	sea shore close to the shore; lakes, public / private pools; ponds sea	resting on the water; observation of under water environment; play; mainly single use; floating stability depends on design; all age groups, swimmers	normally no mechanical means of propulsion but possible; drifting or propulsion by swimming strokes; seats might be equipped with pedals (wheel propulsion)	On/in the device; device is clung on; device is held; mainly a near horizontal posture sitting; no relevant elevation above water level	see above	see above		See A1/A2 no rule is known to provide technical substance