

DIN EN ISO 25649-6:2025-06 (E)

Floating leisure articles for use on and in the water - Part 6: Additional specific safety requirements and test methods for Class D devices (ISO 25649-6:2024)

| Contents | Page |
|---|-------------|
| Foreword | iv |
| Introduction | vi |
| 1 Scope | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions | 2 |
| 4 Safety requirements and test methods | 3 |
| 4.1 General..... | 3 |
| 4.2 Design of buckles and other fixings..... | 3 |
| 4.2.1 Requirements..... | 3 |
| 4.2.2 Test method..... | 3 |
| 4.3 Sizing and admissible number of users, maximum load capacity..... | 3 |
| 4.3.1 Product sizing..... | 3 |
| 4.3.2 User sizing..... | 3 |
| 4.3.3 Space per person per trampoline..... | 4 |
| 4.4 Components..... | 4 |
| 4.4.1 Valves and stoppers (special requirements for Class D)..... | 4 |
| 4.4.2 Test method..... | 5 |
| 4.5 In water performance..... | 5 |
| 4.5.1 Class D devices, floating stability..... | 5 |
| 4.5.2 Floating devices not claiming to provide floating stability..... | 5 |
| 4.5.3 Buoyancy and amount of residual buoyancy..... | 5 |
| 4.5.4 Minimum buoyancy for floating leisure articles claiming floating stability when fully inflated..... | 6 |
| 4.5.5 Carrying handles and climbing facilities..... | 6 |
| 4.5.6 Re-embarkation from the water..... | 9 |
| 4.5.7 Anchorage..... | 10 |
| 4.5.8 Water depth..... | 10 |
| 4.5.9 Horizontal safety distance with surrounding area..... | 12 |
| 4.5.10 Visibility..... | 13 |
| 4.5.11 Repair kit..... | 14 |
| 4.5.12 Springs, protection against corrosion, durability..... | 14 |
| 4.5.13 Safety pad for trampolines and buoyancy platforms..... | 14 |
| 4.5.14 Connection of inflatable components..... | 15 |
| 4.5.15 Swimming in close proximity and under extra-large floating leisure articles..... | 16 |
| 4.5.16 Specific requirements for swing devices as an end-module or used as a stand-alone module..... | 17 |
| 4.6 Pool use of water park modules or modular arrangements..... | 18 |
| 5 Instruction manual | 18 |
| 6 Exclusions | 18 |
| 6.1 Exemptions..... | 19 |
| 6.2 Deviations..... | 19 |
| Annex A (informative) Examples of typical products forming Class D | 20 |
| Annex B (normative) Specific information for devices exceeding 5 m height | 23 |
| Annex C (normative) Pool use of water park modules or modular arrangements | 24 |
| Annex D (informative) Anchorage | 30 |
| Bibliography | 34 |