



ISO 8124-4

Safety of toys —

Part 4:

Activity toys for domestic use

Sécurité des jouets —

Partie 4: Jouets d'activité à usage familiale

**Third edition
2025-06**



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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 181, *Safety of toys*.

This third edition cancels and replaces the second edition (ISO 8124-4:2014), which has been technically revised. It also incorporates the Amendment(s) ISO 8124-4:2014/Amd. 1:2017 and ISO 8124-4:2014/Amd. 2:2019.

The main changes are as follows:

- the Scope has been modified to exclude pools over 400 mm deep;
- the definition of "activity toy" has been modified to reflect the inclusion of paddling pools;
- the definition of "barrier" has been modified to include the concepts of prevention of passing through or beneath the device;
- the definition of "declined plane" has been added to support requirements for slides;
- definitions for "hand-gripping component" and "hand-grasping component" have been added;
- a definition for "resilient behaviour" has been added;
- a modification has been made requiring conformity with relevant requirements from ISO 8124-1 after testing;
- requirements have been added for materials to be resistant to degradation;
- general requirements for hardware have been added;
- requirements for the diameter of ropes and other means of suspension, including an option for free hanging ropes, have been added;
- a general requirement concerning crush and shear points has been added, and such requirements have been removed from specific component clauses;
- a general requirement concerning hand-gripping and hand-grasping components has been added;

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- references to handrails have been removed in requirements for barriers;
- requirements for handrails for rung ladders, step ladders and stairways have been added;
- head and neck entrapment requirements have been modified to align with EN 71-8;^[1]
- finger entrapment requirements have been modified to align with EN 71-8;^[1]
- the toggle test has been modified to align with EN 71-8;^[1]
- certain declined planes have been removed from slide requirements;
- attachment slides have been removed from stability requirements;
- a lower mass test has been added for slides that are not suitable for children 36 months or over;
- the mass tolerance for stability test load has been modified from 2 kg to 0,5 kg;
- a requirement for a minimum radius on the finishing end of retaining sides on the run-out section of slides has been added;
- the width requirement for the starting section of slides has been modified to be at least the same as the width of the sliding section;
- a requirement for handrails on the starting section of slides has been added;
- a test method for inclination of the sliding section of slides has been added from EN 71-8;^[1]
- a requirement and test method from EN 71-8^[1] for the angle along the sliding section and run-out section on slides have been added;
- a requirement concerning attachment of swing elements to upper body components from ASTM F1148^[2] has been added;
- the testing for stability of swings has been modified to be dependant only on the height of the crossbeam;
- a calculation of number of users in alignment with EN 71-8^[1] has been added for swings and other toys with crossbeams;
- requirements for the geometry and design of swing elements have been added to align with EN 71-8;^[1]
- the testing for impact from swing elements has been modified to align with EN 71-8;^[1]
- the distance from the ground to upper rotation point is now used when determining the minimum distance between suspension points and the minimum clearance between swing elements and the ground;
- a requirement for suspension couplings to be prefixed to the means of suspension has been added;
- requirements for the stability of see-saws have been added;
- requirements concerning pinching and crushing from see-saws have been added;
- requirements for hand supports on see-saws have been added;
- a requirement for anchor points at all external corners of inflatable activity toys has been added;
- requirements concerning operating instructions have been added;
- the warning requirements for paddling pools have been modified to remove symbol options.

A list of all parts in the ISO 8124 series can be found on the ISO website.

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This document is largely based upon existing standards in the European Union (EN 71-8^[1]) and in the United States (ASTM F1148,^[2] ASTM F2729^[3] and ASTM F2666^[4]). However, it should not be construed that a toy manufactured in conformity with this document will be in full compliance with relevant national toy safety requirements in the market where the product is intended to be distributed. The user of this document is therefore advised to be aware of relevant national requirements.

Conformance to the requirements of this document will minimize potential hazards associated with toys resulting from their use in their intended play modes (normal use) as well as unintended play modes (reasonably foreseeable abuse).

This document does not, nor is it intended to, eliminate parental responsibility in the appropriate selection of toys. In addition, this document does not eliminate the need for parental supervision in situations where children of various ages potentially have access to the same toy(s).

NOTE See [Annex A](#) for information on the rationale behind the preparation of this document.