



Designation: F2373 – 11 (Reapproved 2017)

Standard Consumer Safety Performance Specification for Public Use Play Equipment for Children 6 Months through 23 Months¹

This standard is issued under the fixed designation F2373; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This consumer safety performance specification provides safety and performance requirements for various types of public use play equipment such as, but not limited to, composite play structures, climbing structures, to-fro swings, spring rocking equipment, and slides. It is intended to apply to play equipment that is used in places of public assembly, including early care and education facilities, parks, or playgrounds. Public use play areas for children in this age range include both indoor (classroom) settings and outdoor playgrounds. Where appropriate, distinctions will be made between indoor and outdoor settings where there is supervision (for example, a play area that is part of an early care and education facility), and settings with unlimited access (for example, public playgrounds and parks).

1.2 The range of users encompassed by this consumer safety performance specification is the 5th percentile 6 month old through the 95th percentile 23 month old.

1.3 The purpose of this specification is to reduce the potential for life threatening and debilitating injuries.

1.4 Accessory toys attached to play equipment must meet all relevant standards including this consumer safety performance specification.

1.5 Home playground equipment, amusement park equipment, sports equipment, fitness equipment, soft contained play equipment, tricycles, toys, juvenile care products such as, but not limited to, infant swings, play yards, expansion gates, and expandable enclosures, furniture (including child-sized house play furnishings and sand/water tables intended primarily for indoor use), bassinets and cradles, infant walkers, bouncer seats, jumpers, infant stationary activity centers, and infant carriers are not included in the scope of this specification.

¹ This specification is under the jurisdiction of ASTM Committee F15 on Consumer Products and is the direct responsibility of Subcommittee F15.44 on Play Equipment for Children Under Two.

Current edition approved Aug. 1, 2017. Published August 2017. Originally approved in 2005. Last previous edition approved in 2011 as F2373 – 11. DOI: 10.1520/F2373-11R17.

1.6 This consumer safety performance specification includes the following sections:

Title	Section
Scope	1
Referenced Documents	2
ASTM Standards	2.1
ANSI Standards	2.2
Federal Standards	2.3
CPSC Documents	2.4
UL Standard	2.5
European Standard	2.6
Terminology	3
Materials and Manufacture	4
General Requirements	4.1
Fasteners	4.2
Toxic or Hazardous Substances	4.3
Stuffing, Loose Fillers, and Padding Materials	4.4
General Requirements	5
Compliance Documentation	5.1
Small Parts	5.2
Asphyxiation Hazard	5.3
Performance Requirements	6
Head and Neck Entrapment	6.1
Sharp Points and Sharp Edges	6.2
Protrusions	6.3
Entanglement Hazards	6.4
Crush and Shear Points	6.5
Ventilation	6.6
Closures	6.7
Suspended Hazards	6.8
Requirements for Access and Egress	7
Access and Egress Components That Shall Not Be Used	7.1
Adjacent Platforms	7.2
Step Ladders, Stairways, Flexible Access Components, and Access Ramps	7.3
Climbing Equipment Used for Access and Egress	7.4
Handrails and Other Means of Hand Support	7.5
Requirements for Platforms, Landings, and Other Designated Play Surfaces	8
Platforms and Similar Surfaces	8.1
Adjacent Platforms	8.2
Protective Barriers	8.3
Equipment Specifications	9
Equipment That Shall Not Be Used	9.1
Climbing Equipment	9.2
Slides	9.3
Spring Rocking Equipment Intended for Use Without Adult Assistance	9.4
To-Fro Swings	9.5
Structural Integrity and Stability	10
General Requirements	10.1
Structural Integrity Tests for Rungs, Steps, and Horizontal Supporting Members	10.2