

Irish Standard I.S. EN 16654:2015

Child protective products - Consumer fitted finger protection devices for doors - Safety requirements and test methods

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I.S. EN 16654:2015

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National Foreword

I.S. EN 16654:2015 is the adopted Irish version of the European Document EN 16654:2015, Child protective products - Consumer fitted finger protection devices for doors - Safety requirements and test methods

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EUROPEAN STANDARD

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NORME EUROPÉENNE EUROPÄISCHE NORM

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English Version

Child protective products - Consumer fitted finger protection devices for doors - Safety requirements and test methods

Articles pour la sécurité des enfants - Dispositifs de protection des doigts à monter soi-même et destinés à être installés sur des portes - Exigences de sécurité et méthodes d'essai Kinderschutzprodukte - Vom Verbraucher anzubringende Fingerschutzvorrichtungen für Türen -Sicherheitstechnische Anforderungen und Prüfverfahren

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EN 16654:2015 (E)

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European foreword

This document (EN 16654:2015) has been prepared by Technical Committee CEN/TC 398 "Project Committee - Child Protective Products", the secretariat of which is held by ASI.

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of an identical text or by endorsement, at the latest by May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

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EN 16654:2015 (E)

1 Scope

This European Standard specifies requirements and test methods for consumer fitted finger protection devices intended to be mounted on hinged doors in the domestic environment inside buildings in order to prevent crushing injuries to children as a result of the door closing.

A finger protection product is based on at least one of three protection methods: hazard shielding, shut prevention or shut controlling.

NOTE 1 Products intended to maintain the door in a fixed position and friction hinges are not covered by this European Standard.

NOTE 2 Finger protection devices intended to be installed by professionals or that are an integral part of the door system are beyond the scope of this European Standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1935, Building hardware — Single-axis hinges — Requirements and test methods

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

finger protection device

device intended to minimize the risk of crushing injuries to fingers between (part of) door leaf/leaves and the door frame when the door leaf is moving

3.2

hazard shielding device

finger protection device intended to minimize the risk of crushing injuries to fingers in the gap between the hinge edge of the door leaf and the door frame

3.3

child appealing finger protection device

finger protection device that resembles by any means another object commonly recognized as appealing to or intended for use by young children, or has entertaining audio effects or animated effects

Note 1 to entry: This includes, but is not limited to finger protection devices the shape of which resembles cartoon characters, toys, guns, watches, telephones, musical instruments, vehicles, human body or parts of the human body, animals, food or beverages, or that play musical notes, or have flashing lights or moving objects or other entertaining features.

3.4

shut controlling device

finger protection device intended to minimize the risk of crushing injuries to fingers at the handle edge of the door by controlling the deceleration of the door leaf or preventing the door from shutting suddenly



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