

Irish Standard I.S. EN 12574-2:2017

Stationary waste containers - Part 2: Performance requirements and test methods

© CEN 2017 No copying without NSAI permission except as permitted by copyright law.

I.S. EN 12574-2:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R.~xxx: Standard~Recommendation-recommendation~based~on~the~consensus~of~an~expert~panel~and~subject~to~public~consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on: Published:

EN 12574-2:2017 2017-02-01

This document was published ICS number:

under the authority of the NSAI and comes into effect on: 13.030.40

2017-02-20

NSAI T +353 1 807 3800

1 Swift Square, F+353 1 807 3838 T+353 1 857 6730 Northwood, Santry F+353 1 857 6729 E standards@nsai.ie Dublin 9 W NSAl.ie W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

NOTE: If blank see CEN/CENELEC cover page

Sales:

This is a free page sample. Access the full version online.

National Foreword

I.S. EN 12574-2:2017 is the adopted Irish version of the European Document EN 12574-2:2017, Stationary waste containers - Part 2: Performance requirements and test methods

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This is a free page sample. Access the full version online.

This page is intentionally left blank

EUROPEAN STANDARD

EN 12574-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2017

ICS 13.030.40

Supersedes EN 12574-2:2006

English Version

Stationary waste containers - Part 2: Performance requirements and test methods

Conteneurs fixes à déchets - Partie 2 : Exigences de performance et méthodes d'essais

Stationäre Abfallsammelbehälter - Teil 2: Anforderungen an die Ausführung und Prüfverfahren

This European Standard was approved by CEN on 21 November 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 12574-2:2017 (E)

Cont	ents	Page
Europ	ean foreword	3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Tests	5
4.1	General	
4.2	Control before the tests	
4.2.1	Visual aspects	
4.2.2	Correspondence with EN 12574-1:2017	5
4.2.3	Masses limit deviations	6
4.2.4	Colour	6
4.2.5	Marking	6
4.3	Control after the tests	6
4.4	Conditions of the tests	6
4.5	Test load	6
4.6	Tests on the containers	6
4.6.1	General	6
4.6.2	Impact test by ball drop	6
4.6.3	Impact on an inclined plane	8
4.7	Stability test	9
4.8	Dynamic tests	9
4.8.1	General	9
4.8.2	Pulling test	9
4.8.3	Immobilization test	10
4.9	Lifting-tilting tests	10
4.9.1	General	
4.9.2	Lifting-tilting empty container	
4.9.3	Lifting-tilting of the loaded container	10
4.10	Miscellaneous tests	
4.10.1	Internal stress-cracking tests (for thermo plastics only)	11
	Corrosion test	
4.10.3	Weathering	11
4.10.4	Test method with child mannequin for containers with sliding mobile flap	12
4.10.5	Test for locked lid	13
	Sequence of the tests	
5	Tests report	14
Annex	A (normative) Device for ball drop test	15
	B (informative) Apparatus for lateral impact test on inclined plane	
	C (normative) Weathering tests	
	D (informative) A-deviations	
Biblio	graphy	19

European foreword

This document (EN 12574-2:2017) has been prepared by Technical Committee CEN/TC 183 "Waste management", 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 August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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

This document supersedes EN 12574-2:2006.

This European Standard is one part of the series of standards EN 12574 about "Stationary waste containers" comprising the following parts:

- Part 1: Containers with a capacity up to 10 000 l with flat or dome lid(s), for trunnion, double trunnion or pocket lifting device Dimensions and design;
- Part 2: Performance requirements and test methods;
- Part 3: Safety and health requirements;

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

EN 12574-2:2017 (E)

1 Scope

This part of EN 12574 specifies the test methods for stationary waste containers (in the text also called containers) according to EN 12574-1:2017. It also specifies the target requirements to be reached either during or after the tests.

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 1501-1, Refuse collection vehicles and their associated lifting devices - General requirements and safety requirements - Part 1: Rear-end loaded refuse collection vehicles

EN 1501-2, Refuse collection vehicles and their associated lifting devices - General requirements and safety requirements - Part 2: Side loaded refuse collection vehicles

EN 1501-3:2008, Refuse collection vehicles and their associated lifting devices - General requirements and safety requirements - Part 3: Front loaded refuse collection vehicles

EN 1501-5, Refuse collection vehicles - General requirements and safety requirements - Part 5: Lifting devices for refuse collection vehicles

EN 10346, Continuously hot-dip coated steel flat products for cold forming - Technical delivery conditions

EN 12574-1:2017, Stationary waste containers - Part 1: Containers with a capacity up to 10 000 l with flat or dome lid(s), for trunnion, double trunnion or pocket lifting device - Dimensions and design

EN ISO 105-B02, Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02)

EN ISO 1461, Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods (ISO 1461)

EN ISO 4892-2, Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps (ISO 4892-2)

EN ISO 8256, Plastics - Determination of tensile-impact strength (ISO 8256)

ISO 2081, Metallic and other inorganic coatings - Electroplated coatings of zinc with supplementary treatments on iron or steel

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12574-1:2017 apply.



This is a free preview. Purchase the entire publication at the link below

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation