

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

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 12574-2:2017 sisaldab Euroopa standardi EN 12574-2:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 12574-2:2017 consists of the English text of the European standard EN 12574-2:2017.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.02.2017.	Date of Availability of the European standard is 01.02.2017.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 13.030.40

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:
Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

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

Contents	Page
European foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Tests	5
4.1 General.....	5
4.2 Control before the tests.....	5
4.2.1 Visual aspects	5
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.....	10
4.9.2 Lifting-tilting empty container.....	10
4.9.3 Lifting-tilting of the loaded container.....	10
4.10 Miscellaneous tests.....	11
4.10.1 Internal stress-cracking tests (for thermo plastics only).....	11
4.10.2 Corrosion test.....	11
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
4.10.6 Sequence of the tests.....	13
5 Tests report	14
Annex A (normative) Device for ball drop test.....	15
Annex B (informative) Apparatus for lateral impact test on inclined plane	16
Annex C (normative) Weathering tests	17
Annex D (informative) A-deviations.....	18
Bibliography	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.

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.