

This document is a preview generated by EVS

Stationary waste containers up to 5 000 l, top lifted and bottom emptied - Part 2: Additional requirements for underground or partly underground systems

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 13071-2:2008+A1:2013 sisaldaab Euroopa standardi EN 13071-2:2008+A1:2013 ingliskeelset teksti.	This Estonian standard EVS-EN 13071-2:2008+A1:2013 consists of the English text of the European standard EN 13071-2:2008+A1:2013.
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 kätesaadavaks 02.10.2013.	Date of Availability of the European standard is 02.10.2013.
Standard on kätesaadav 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 reproduutseerimise 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:
Aru 10, 10317 Tallinn, Eesti; 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:
Aru 10, 10317 Tallinn, Estonia; www.evs.ee; phone 605 5050; e-mail info@evs.ee

October 2013

ICS 13.030.40

Supersedes EN 13071-2:2008

English Version

Stationary waste containers up to 5 000 l, top lifted and bottom emptied - Part 2: Additional requirements for underground or partly underground systems

Conteneurs fixes à déchets de capacité inférieure ou égale à 5 000 l, levés par le haut et vidés par le bas - Partie 2:
Exigences complémentaires relatives aux systèmes enterrés ou semi-enterrés

Stationäre Abfallsammelbehälter bis 5 000 l, mit Behälteraufnahme an der Oberseite und Bodenentleerung - Teil 2: Zusätzliche Anforderungen für unterirdische oder teilweise unterirdische Systeme

This European Standard was approved by CEN on 18 April 2008 and includes Corrigendum 1 issued by CEN on 24 March 2010 and Amendment 1 approved by CEN on 19 August 2013.

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, 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
Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Requirements	6
4.1 General requirements.....	6
4.2 Design	6
4.3 Safety requirements	7
4.3.1 Hole	7
4.3.2 Pedestrian platform	7
4.3.3 Safety floor	7
4.3.4 Safety barrier.....	7
5 Test conditions	7
6 Test procedures	8
6.1 Tests conducted on the container	8
6.2 Specific tests conducted on underground and partly underground systems	8
6.2.1 Resistance of the safety barrier	8
6.2.2 Resistance of the safety floor.....	8
6.2.3 Functionality of the safety floor and safety barrier	9
6.2.4 Resistance of the pedestrian platform	9
6.2.5 Resistance of the emergent part to exterior impacts.....	9
6.3 Corrosion.....	11
6.4 Weathering (for thermoplastics only).....	11
6.4.1 Requirement	11
6.4.2 Procedure	11
6.5 Sequence of tests	11
7 Recommendations.....	12
8 Data sheet.....	12
9 Marking	12
10 Test report	12
Annex A (informative) A-deviations.....	13
 Figures	
Figure 1 — Underground and partly underground system	5
Figure 2 — Example of resistance of emergent part to exterior impacts	10
 Tables	
Table 1 — Sequence of the tests.....	12

Foreword

This document (EN 13071-2:2008+A1:2013) 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 April 2014, and conflicting national standards shall be withdrawn at the latest by April 2014.

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

[A1] This document supersedes EN 13071-2:2008. [A1]

This European Standard includes Corrigendum 1 issued by CEN on 2010-03-24 and Amendment 1 approved by CEN on 2013-08-19.

The start and finish of text introduced or altered by amendment is indicated in the text by tags [A1] [A1].

The modifications of the related CEN Corrigendum have been implemented at the appropriate places in the text and are indicated by the tags [AC] [AD].

Part 1 covers the general requirements for stationary waste containers up to 5 000 l, top lifted and bottom emptied. Some technical changes respect to the previous edition, EN 13071:2002, address:

- a) the minimum capacity of 80 l which has been deleted;
- b) the definitions of, and general requirements for Type A and Type B containers;
- c) test conditions including a new test on the resistance of the roof;
- d) changes to data sheet, marking and test report;
- e) deletion of Annex A dealing with the noise test method for containers for waste glass collection for Type A and Type B, with volumes greater than or equal to 500 l.

Part 2 covers additional requirements for underground or partly underground containers.

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, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the additional requirements for underground or partly underground systems top lifted and bottom emptied, used for collection of solid non-hazardous wastes with a capacity up to 5 000 l.

2 Normative references

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

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming - Technical delivery conditions*

EN 13071-1:2008, *Stationary waste containers up to 5 000 l, top lifted and bottom emptied – Part 1: General requirements*

EN ISO 1461, *Hot dip galvanized coatings on fabricated iron and steel articles – Specifications and test methods (ISO 1461:1999)*

ISO 2081, *Metallic coatings – Electroplated coatings of zinc on iron or steel*