

**Reoveepumplad. Ehitamise ja katsetamise
põhimõtted. Osa 2: Fekaalivaba heitvee pumplad**

Wastewater lifting plants for buildings and sites -
Principles of construction and testing - Part 2: Lifting
plants for faecal-free wastewater

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 12050-2:2001 sisaldab Euroopa standardi EN 12050-2:2000 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 19.10.2001 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 13.12.2000.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 12050-2:2001 consists of the English text of the European standard EN 12050-2:2000.

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English version

**Wastewater lifting plants for buildings and sites –
Principles of construction and testing**

Part 2: Lifting plants for faecal-free wastewater

Stations de relevage d'effluents pour
les bâtiments et terrains – Principes
de construction et d'essai – Partie 2:
Stations de relevage pour effluents
exempts de matières fécales

Abwasserhebeanlagen für die Gebäu-
de- und Grundstücksentwässerung –
Bau- und Prüfgrundsätze – Teil 2:
Abwasserhebeanlagen für fäkalien-
freies Abwasser

This European Standard was approved by CEN on 2000-12-01.

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European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 165 "Waste water engineering", the secretariat of which is held by DIN.

This part of this European Standard for wastewater lifting plants for buildings and sites was prepared by Task Group 4 "Wastewater lifting plants" of Working Group WG 21 "Drainage systems within buildings" of CEN Technical Committee TC 165 "Wastewater engineering". Lifting plants for faecal-free wastewater described in this part of this European Standard may be used for drainage of buildings and external areas.

This is the second of a total of four parts of the standard series EN 12050 with the following titles:

- Part 1: Lifting plants for wastewater containing faecal matter
- Part 2: Lifting plants for faecal-free wastewater
- Part 3: Lifting plants for wastewater containing faecal matter for limited applications
- Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter

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 June 2001, and conflicting national standards shall be withdrawn at the latest by September 2002.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex Z, which is an integral part of this standard.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Annex A is normative. The annexes B, C and Z are informative.

1 Scope

This part of this European Standard applies to lifting plants for faecal-free wastewater in buildings and sites. It specifies methods for drainage of locations below flood level to prevent any backflow of wastewater into the building. This part of this European Standard contains general requirements, basic construction and testing principles, together with information on materials and conformity evaluation. Construction and testing requirements for non-return valves used in effluent lifting plants are given in EN 12050-4.

NOTE For pumping installations for drain and sewer systems see also EN 752-6.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 124

Gully tops and manhole tops for vehicular and pedestrian areas - Design requirements, type testing, marking, quality control

EN 752-6

Drain and sewer systems outside buildings – Part 6: Pumping installations

EN 1085 : 1997

Waste water treatment – Vocabulary

prEN 12050-1: 2000

Wastewater lifting plants for buildings and sites – Principles of construction and testing – Part 1: Lifting plants for wastewater containing faecal matter

EN 12050-4

Wastewater lifting plants for buildings and sites – Principles of construction and testing – Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter

EN 12056-1

Gravity drainage systems inside buildings – Part 1: General and performance requirements

EN 12056-4

Gravity drainage systems inside buildings – Part 4: Wastewater lifting plants, layout and calculation

EN 12566-1

Small wastewater treatment systems for up to 50 PT - Part 1: Prefabricated septic tanks

EN 12639 : 2000

Liquid pumps and pump units - Noise test code - Grade 2 and grade 3 of accuracy