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## **Klaasplastist (GRP) allmaamahutid. Ühelt poolt mõjuvate vedelike meetod**

Underground tanks of glass-reinforced plastics  
(GRP) - Method for one side exposure to fluids

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 977:2000 sisaldab Euroopa standardi EN 977:1997 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 977:2000 consists of the English text of the European standard EN 977:1997.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b> Käesolev Euroopa standard määrab kindlaks vedelike maa-aluseks säilitamiseks ettenähtud, kuumuses kõvenevast klaasplastist valmistatud mahutite katsenäidiste ühelt poolt vedelike toimele allutamise meetodi.</p>	<p><b>Scope:</b></p>
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**ICS** 23.020.10

**Võtmesõnad:** allmaamahutid, armeeritud plast, keemiline vastupidavus, kindlaksmääramine, klaasplast, naftasaaduste ladustamine, säilitusmahuti, termokõvenevad polümeerid, testimine

ICS 23.020.10

Descriptors: Tanks, fuel storage, testing.

**English version**

**Underground tanks of glass-reinforced plastics (GRP)**

Method for one side exposure to fluids

Réservoirs enterrés en plastiques renforcés de verre (PRV) – Méthode d'exposition unilatérale d'une plaque aux fluides

Unterirdische Tanks aus textilglasverstärkten Kunststoffen (GFK) – Prüfanordnung zur einseitigen Beaufschlagung mit Fluiden

This European Standard was approved by CEN on 1997-06-21.

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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

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

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## Contents

	Page
Foreword	2
1 Scope	3
2 Principle	3
3 Apparatus	3
4 Test parameters	3
5 Test specimens	3
6 Procedure	5
7 Test report	5

## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 210 "GRP tanks and vessels", 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 January 1998, and conflicting national standards shall be withdrawn at the latest by January 1998.

This standard is drafted in support of EN 976-1 and EN 976-3, Horizontal cylindrical tanks for the non-pressure storage of liquid petroleum based fuels - Part 1 : Requirements and test methods for single wall tanks - and Part 3 : Requirements and test methods for double wall tanks, in order to assess the chemical resistance of the GRP tank laminate.

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.