
**Izboljševalci tal in rastni substrati – Določevanje količine izboljševalcev tal in
rastnih substratov v materialih z velikostjo delcev več kot 60 mm**

Soil improvers and growing media - Determination of quantity for materials with
particle size greater than 60 mm

iTeh Standards
(<https://standards.itih.ai>)
Document Preview

[SIST EN 15238:2007](https://standards.itih.ai/catalog/standards/sist/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007)

<https://standards.itih.ai/catalog/standards/sist/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007>

April 2005

ICS

English version

Soil improvers and growing media - Determination of quantity for materials with particle size greater than 60 mm

Bodenverbesserungsmittel und Kultursubstrate -
Bestimmung der Menge für Materialien mit einer
Partikelgröße über 60 mm

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 223.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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 Management Centre has the same status as the official versions.

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

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

[SIST EN 15238:2007](https://standards.iteh.ai/SIST/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007)

<https://standards.iteh.ai/catalog/standards/sist/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007>



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents		Page
1	Scope.....	5
2	Normative references	5
3	Terms and definitions.....	5
4	Symbols and abbreviated terms.....	6
5	Principle	6
5.1	.....	6
5.2	.....	6
6	Apparatus	7
6.1	Measure,.....	7
6.1.1	Calibration of the measure.....	7
6.2	Collar,	8
6.3	Fall Controller,.....	8
6.4	Weighing Instrument,	9
6.5	Straight edge	9
6.6	Shovel, scoop.....	9
7	Sampling	9
8	Method for density determination	10
8.1	.....	10
8.2	.....	10
8.3	.....	10
8.4	.....	10
8.5	.....	10
8.6	.....	10
9	Calculation and expression of results.....	10
9.1	Density	10
9.2	Volume	11
10	Precision	11
11	Test report for volume declarations.....	11
12	Mass	12
13	Test report for weight declarations	12
Annex A (informative) Results of an interlaboratory trial to determine density		13
Annex B (Informative) Picture of assembled equipment		14

Foreword

This document (prEN 15238:2005) has been prepared by Technical Committee CEN/TC 223 "Soil improvers and growing media", the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[SIST EN 15238:2007](https://standards.iteh.ai/catalog/standards/sist/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007)

<https://standards.iteh.ai/catalog/standards/sist/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007>

Introduction

Soil improvers and growing media are generally traded by volume as the weight of the product can be greatly affected by the moisture content. It is important for both consumers and traders to know the volume of product being traded. Furthermore, for the plant growing it is the volume of the product, and not the weight, that is generally important. The volume is calculated from knowing the weight and density of the product, the latter being determined from weighing a known volume of product. As some soil improvers and growing media are compressible it is important that this aspect be addressed in the method of determining the density.

For those materials traded by reference to its mass, this standard recognises the effects the moisture content can have on the quantity declared. Therefore, for those transactions, this standard requires that any weight shall be accompanied by the moisture content so that the solid matter content can be calculated.

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[SIST EN 15238:2007](#)

<https://standards.iteh.ai/catalog/standards/sist/53f2a36e-e207-4bc1-89ec-1ab5ff0ad33a/sist-en-15238-2007>