

SLOVENSKI STANDARD
SIST EN ISO 11127-1:1997**01-december-1997**

**Priprava jeklenih podlag pred nanašanjem barvnih in sorodnih premazov -
Preskusne metode za nekovinske granulate za peskanje - 1. del: Vzorčenje (ISO
11127-1:1993)**

Preparation of steel substrates before application of paints and related products - Test
methods for non-metallic blast-cleaning abrasives - Part 1: Sampling (ISO 11127-1:1993)

Vorbereitung von Stahlflächen vor dem Auftragen von Beschichtungsstoffen -
Prüfverfahren für nichtmetallische Strahlmittel - Teil 1: Probenahme (ISO 11127-1:1993)

Préparation des subjectiles d'acier avant application de peintures et de produits
assimilés - Méthodes d'essai pour abrasifs non métalliques destinés à la préparation par
projection - Partie 1: Echantillonnage (ISO 11127-1:1993)

Ta slovenski standard je istoveten z: EN ISO 11127-1:1997

ICS:

25.220.10 Priprava površine Surface preparation

SIST EN ISO 11127-1:1997**en**

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EUROPEAN STANDARD

EN ISO 11127-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1997

ICS 87.020

Descriptors: see ISO document

English version

**Preparation of steel substrates before application
of paints and related products - Test methods for
non-metallic blast-cleaning abrasives - Part 1:
Sampling (ISO 11127-1:1993)**

Préparation des subjectiles d'acier avant
application de peintures et de produits
assimilés - Méthodes d'essai pour abrasifs non
métalliques destinés à la préparation par
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(ISO 11127-1:1993)

Vorbereitung von Stahloberflächen vor dem
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- Teil 1: Probenahme (ISO 11127-1:1993)

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This European Standard was approved by CEN on 1997-06-16. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

Central Secretariat: rue de Stassart,36 B-1050 Brussels

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EN ISO 11127-1:1997

Foreword

The text of the International Standard from Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 139 "Paints and varnishes", 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 month of January 1998, and conflicting national standards shall be withdrawn at the latest by January 1998.

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.

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(Endorsement notice)

The text of the International Standard ISO 11127-1:1993 has been approved by CEN as a European Standard without any modification.

INTERNATIONAL
STANDARD

ISO
11127-1

First edition
1993-12-15

**Preparation of steel substrates before
application of paints and related
products — Test methods for non-metallic
blast-cleaning abrasives —**

(Part 1: Sampling)

Sampling

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*Préparation des subjectiles d'acier avant application de peintures et de
produits assimilés — Méthodes d'essai pour abrasifs non métalliques
destinés à la préparation par projection —*

Partie 1: Échantillonnage



Reference number
ISO 11127-1:1993(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11127-1 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 12, *Preparation of steel substrates before application of paints and related products*:1997

ISO 11127 consists of the following parts, under the general title *Preparation of steel substrates before application of paints and related products — Test methods for non-metallic blast-cleaning abrasives*:

- Part 1: *Sampling*
- Part 2: *Determination of particle size distribution*
- Part 3: *Determination of apparent density*
- Part 4: *Assessment of hardness by a glass slide test*
- Part 5: *Determination of moisture*
- Part 6: *Determination of water-soluble contaminants by conductivity measurement*
- Part 7: *Determination of water-soluble chlorides*
- Part 8: *Determination of abrasive mechanical properties*

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At the time of publication of this part of ISO 11127, part 8 was in course of preparation.

Annexes A and B of this part of ISO 11127 are for information only.

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Preparation of steel substrates before application of paints and related products — Test methods for non-metallic blast-cleaning abrasives —

Part 1: Sampling

1 Scope

This is one of a number of parts of ISO 11127 dealing with the sampling and testing of non-metallic abrasives for blast-cleaning.

The types of non-metallic abrasive and requirements on each are contained in ISO 11126.

The ISO 11126 and ISO 11127 series have been drafted as a coherent set of International Standards on non-metallic blast-cleaning abrasives. Information on all parts of both series is given in annex B.

This part of ISO 11127 specifies a method for the sampling of non-metallic blast-cleaning abrasives from consignments and for the subdivision of the sample into quantities suitable for undertaking the appropriate test methods specified in other parts of ISO 11127.

2 Definitions

For the purposes of this part of ISO 11127, the following definitions apply.

2.1 total quantity: The overall quantity of the abrasive to be tested (for example the quantity of a consignment) for which the sampling procedure is to be considered as representative.

2.2 single sample: A sample obtained from the total quantity by a single sampling operation. This sample is not immediately used for testing.

2.3 mixed sample: A sample obtained by mixing a number of single samples.

2.4 reduced sample: A sample obtained by reduction of a mixed sample.

NOTE 1 In order to obtain a sample quantity which is suitable for testing, all reduced samples but one are discarded after each reduction; the reduction procedure is then repeated if necessary on the sample retained.

2.5 test sample: A reduced sample that comprises a mass or volume sufficient for testing, portions of which are immediately used for testing.

3 Apparatus

3.1 Sample thief, made from seamless steel tubing of inside diameter approximately 25 mm and length approximately 800 mm. The tube shall be pointed at one end and have a "T" handle at the other end. Holes shall be bored in a straight line, lengthways along the tube, and spaced at 50 mm intervals. The diameter of the holes shall be determined by the size of the particles to be sampled and shall be approximately three times the size of the largest particle.

NOTE 2 It is normally sufficient to use holes 10 mm in diameter for non-metallic abrasives.

3.2 Sample divider, riffler or other equipment suitable for splitting a sample into parts.