

STN	Príprava ocelových podkladov pred nanesením náterových látok a podobných výrobkov Skúšobné metódy kovových prostriedkov na abrazívne čistenie Časť 5: Stanovenie percenta defektných častíc a mikroštruktúry (ISO 11125-5: 2025)	STN EN ISO 11125-5 03 8235
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Preparation of steel substrates before application of paints and related products - Test methods for metallic blast-cleaning abrasives - Part 5: Determination of percentage defective particles and of microstructure (ISO 11125-5:2025)

Táto norma obsahuje anglickú verziu európskej normy.

This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/25

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EUROPÄISCHE NORM

EN ISO 11125-5

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Supersedes EN ISO 11125-5:2018

English Version

**Preparation of steel substrates before application of paints
and related products - Test methods for metallic blast-
cleaning abrasives - Part 5: Determination of percentage
defective particles and of microstructure (ISO 11125-
5:2025)**

Préparation des subjectiles d'acier avant application de
peintures et de produits assimilés - Méthodes d'essai
pour abrasifs métalliques destinés au décapage par
projection - Partie 5: Détermination du pourcentage de
particules défectueuses et de la microstructure (ISO
11125-5:2025)

Vorbereitung von Stahloberflächen vor dem Auftragen
von Beschichtungsstoffen - Prüfverfahren für
metallische Strahlmittel - Teil 5: Bestimmung des
Anteils an defekten Körnern und des Gefüges (ISO
11125-5:2025)

This European Standard was approved by CEN on 8 February 2025.

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

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EN ISO 11125-5:2025 (E)

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European foreword

This document (EN ISO 11125-5:2025) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with 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of an identical text or by endorsement, at the latest by February 2026, and conflicting national standards shall be withdrawn at the latest by February 2026.

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

This document supersedes EN ISO 11125-5:2018.

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Endorsement notice

The text of ISO 11125-5:2025 has been approved by CEN as EN ISO 11125-5:2025 without any modification.



International Standard

ISO 11125-5

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

Part 5: Determination of percentage defective particles and of microstructure

*Préparation des subjectiles d'acier avant application de peintures
et de produits assimilés — Méthodes d'essai pour abrasifs
métalliques destinés au décapage par projection —*

*Partie 5: Détermination du pourcentage de particules
défectueuses et de la microstructure*

Third edition 2025-07

ISO 11125-5:2025(en)



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ISO 11125-5:2025(en)**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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document 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*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition ISO 11125-5:2018, which has been technically revised.

The main changes are as follows:

- [7.5](#) has been technically revised.

A list of all parts in the ISO 11125 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO 11125-5:2025(en)**Introduction**

This is one of a number of parts of the ISO 11125 series dealing with the sampling and testing of metallic abrasives for blast-cleaning.

The types of metallic abrasive and requirements on each are contained in the various parts of the ISO 11124 series.

The ISO 11124 and ISO 11125 series have been drafted as a coherent set of International Standards on metallic blast-cleaning abrasives.

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

Part 5: Determination of percentage defective particles and of microstructure

1 Scope

This document specifies test methods for the determination of the percentage of defective particles and of the microstructure of metallic blast-cleaning abrasives.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 11125-1, *Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 1: Sampling*

ISO 11125-3, *Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 3: Determination of hardness*

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