

<b>STN</b>	<b>Príprava oceľových podkladov pred nanesením náterových látok a podobných výrobkov</b> <b>Špecifikácia kovových prostriedkov na abrazívne čistenie</b> <b>Časť 1: Všeobecný úvod a klasifikácia (ISO 11124-1: 2018)</b>	<b>STN</b> <b>EN ISO 11124-1</b>  03 8234
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Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 1: General introduction and classification (ISO 11124-1:2018)

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. 02/19

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English Version

Preparation of steel substrates before application of paints  
and related products - Specifications for metallic blast-  
cleaning abrasives - Part 1: General introduction and  
classification (ISO 11124-1:2018)

Préparation des subjectiles d'acier avant application de  
peintures et de produits assimilés - Spécifications pour  
abrasifs métalliques destinés à la préparation par  
projection - Partie 1: Introduction générale et  
classification (ISO 11124-1:2018)

Vorbereitung von Stahloberflächen vor dem Auftragen  
von Beschichtungsstoffen - Anforderungen an  
metallische Strahlmittel - Teil 1: Allgemeine Einleitung  
und Einteilung (ISO 11124-1:2018)

This European Standard was approved by CEN on 12 August 2018.

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 CEN-CENELEC Management Centre or to any CEN member.

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**EN ISO 11124-1:2018 (E)**

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## **European foreword**

This document (EN ISO 11124-1:2018) 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of an identical text or by endorsement, at the latest by March 2019, and conflicting national standards shall be withdrawn at the latest by March 2019.

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 11124-1:1997.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **Endorsement notice**

The text of ISO 11124-1:2018 has been approved by CEN as EN ISO 11124-1:2018 without any modification.

**INTERNATIONAL  
STANDARD**

**ISO  
11124-1**

Second edition  
2018-08

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

**Part 1:  
General introduction and  
classification**

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

*Partie 1: Introduction générale et classification*



Reference number  
ISO 11124-1:2018(E)

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## ISO 11124-1:2018(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.

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 documents 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](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on 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 the following URL: [www.iso.org/iso/foreword.html](http://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*.

This second edition cancels and replaces the first edition (ISO 11124-1:1993), which has been technically revised.

The main changes compared to the previous edition are as follows:

- [4.3](#), [Clause 6](#) and [Annex A](#) have been technically revised.

A list of all parts in the ISO 11124 series can be found on the ISO website.



## Introduction

This document is one of a number of parts of ISO 11124 specifying requirements for metallic abrasives for blast-cleaning.

Test methods for metallic blast-cleaning abrasives are given in the various parts of ISO 11125 (see [Annex A](#)).

The requirements for non-metallic abrasives commonly used for blast-cleaning are specified in the various parts of ISO 11126. Test methods to be used to define these requirements are contained in the various parts of ISO 11127 (see [Annex A](#)).

Abrasive blast-cleaning techniques are widely used to clean and prepare surfaces. During work on development of a series of International Standards dealing with the preparation of steel substrates before application of paints and related products, it was decided that a need existed for a series of International Standards covering those blast-cleaning abrasives commonly used in preparation of steelwork.

The type of blast-cleaning abrasive used and its particle shape can significantly affect the surface appearance and profile form of the treated surface.

The informative supplement to ISO 8501-1 provides photographic examples of the change in appearance imparted to steel when blast-cleaned with different abrasive types.

ISO 8503-2 describes the assessment of the surface roughness of prepared surfaces using comparators. [Table 1](#) of this document identifies the type of comparator to be used with each of the blast-cleaning abrasives considered.

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

## Part 1: General introduction and classification

**WARNING** — Equipment, materials and abrasives used for surface preparation can be hazardous. It is important to ensure that adequate instructions are given and that all required precautions are exercised.

### 1 Scope

This document describes a classification of metallic blast-cleaning abrasives for the preparation of steel substrates before application of paints and related products.

It specifies the characteristics which are required for the complete designation of such abrasives.

This document applies to abrasives supplied in the "new" or unused condition only. It does not apply to abrasives either during or after use.

**NOTE** Although this document has been developed specifically to meet requirements for preparation of steelwork, the properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques. These techniques are described in ISO 8504-2.

### 2 Normative references

There are no normative references in this document.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**