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| <b>STN</b> | <b>Príprava ocelových podkladov pred nanesením<br/>náterových látok a podobných výrobkov<br/>Špecifikácia kovových prostriedkov<br/>na abrazívne čistenie<br/>Časť 7: Drvina z liatiny s bielym lomom<br/>s vysokým obsahom chrómu<br/>(ISO 11124-7: 2025)</b> | <b>STN<br/>EN ISO 11124-7</b><br><br>03 8234 |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|

Preparation of steel substrates before application of paints and related products - Specifications for metallic blast-cleaning abrasives - Part 7: High chromium white cast iron grit (ISO 11124-7:2025)

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. 06/26

Obsahuje: EN ISO 11124-7:2026, ISO 11124-7:2025

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 11124-7**

March 2026

ICS 25.220.10

English Version

**Preparation of steel substrates before application of paints  
and related products - Specifications for metallic blast-  
cleaning abrasives - Part 7: High chromium white cast iron  
grit (ISO 11124-7:2025)**

Préparation des subjectiles d'acier avant application de  
peintures et de produits assimilés - Spécifications des  
abrasifs métalliques destinés au décapage par  
projection - Partie 7: Grenailles angulaires de fonte  
blanche à haute teneur en chrome (ISO 11124-7:2025)

Vorbereitung von Stahluntergründen vor dem  
Auftragen von Beschichtungsstoffen und verwandten  
Erzeugnissen - Festlegungen für metallische  
Strahlmittel - Teil 7: Kantiges Strahlmittel aus  
Chromhartguss (ISO 11124-7:2025)

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

EN ISO 11124-7:2026 (E)

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## **European foreword**

The text of ISO 11124-7:2025 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11124-7:2026 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 September 2026, and conflicting national standards shall be withdrawn at the latest by September 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.

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## **Endorsement notice**

The text of ISO 11124-7:2025 has been approved by CEN as EN ISO 11124-7:2026 without any modification.



# International Standard

**ISO 11124-7**

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

**Part 7:  
High chromium white cast iron grit**

**First edition  
2025-06**

## ISO 11124-7:2025(en)



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**ISO 11124-7:2025(en)****Foreword**

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This document was prepared by Technical Committee ISO/TC 35 *Paints and varnishes*, Subcommittee SC12, *Preparation of steel substrates before application of paints and related products*.

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

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

## Part 7: High chromium white cast iron grit

### 1 Scope

This document specifies requirements for high chromium white cast iron grit, as supplied for blast-cleaning processes. It specifies ranges of particle sizes, together with corresponding grade designations. Values are specified for hardness, density, defect/structural requirements, metallographic structure and chemical composition.

The requirements specified in this document apply to abrasives supplied in the new condition only. They do not apply to abrasives either during or after use.

High chromium white cast iron grits are used in both static and site blasting equipment. They are most often selected where there is a possibility for the recovery and re-use of the abrasive.

NOTE 1 Although this document has been developed for preparation of steelwork, these materials are predominantly used for non-ferrous substrates. The properties specified will generally be appropriate for use when preparing other material surfaces, or components, using blast-cleaning techniques, and can be used for applications where no subsequent coating is applied.

NOTE 2 Whenever dissimilar metals are used together, galvanic corrosion can occur.

### 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 439, *Steel and cast iron — Determination of silicon content — Gravimetric method*

ISO 629, *Steel and cast iron — Determination of manganese content — Spectrophotometric method*

ISO 9556, *Steel and iron — Determination of total carbon content — Infrared absorption method after combustion in an induction furnace*

ISO 10138, *Steel and iron — Determination of chromium content — Flame atomic absorption spectrometric method*

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 11125-2, *Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 2: Determination of particle size distribution*

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*

ISO 11125-4, *Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 4: Determination of apparent density*

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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*

ISO 11125-6, *Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 6: Determination of foreign matter*

ISO 11125-7, *Preparation of steel substrates before application of paints and related products — Test methods for metallic blast-cleaning abrasives — Part 7: Determination of moisture*

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