

DIN EN ISO 8503-2



ICS 25.220.10

Supersedes
DIN EN ISO 8503-2:1995-08

Preparation of steel substrates before application of paints and related products –

Surface roughness characteristics of blast-cleaned steel substrates –

Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel – Comparator procedure (ISO 8503-2:2012)

English translation of DIN EN ISO 8503-2:2012-06

Vorbereitung von Stahloberflächen vor dem Auftragen von Beschichtungsstoffen –

Rauheitskenngrößen von gestrahlten Stahloberflächen –

Teil 2: Verfahren zur Prüfung der Rauheit von gestrahltem Stahl –

Vergleichsmusterverfahren (ISO 8503-2:2012)

Englische Übersetzung von DIN EN ISO 8503-2:2012-06

Préparation des subjectiles d'acier avant application de peintures et de produits assimilés –

Caractéristiques de rugosité des subjectiles d'acier décapés –

Partie 2: Méthode de classification d'un profil de surface en acier décapée par projection d'abrasif – Utilisation des comparateurs viso-tactiles (ISO 8503-2:2012)

Traduction anglaise de DIN EN ISO 8503-2:2012-06

Document comprises 12 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

National foreword

This standard has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” (Secretariat: NEN, Netherlands) in collaboration with CEN/TC 139 “Paints and varnishes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was the *Normenausschuss Beschichtungsstoffe und Beschichtungen* (Coatings and Coating Materials Standards Committee), Working Committee NA 002-00-10 AA *Korrosionsschutz von Stahlbauten*, Subcommittee NA 002-00-10-04 UA *Oberflächenvorbereitung und -prüfung*.

The DIN Standards corresponding to the International Standards referred to in this document are as follows:

ISO 8501-1	DIN EN ISO 8501-1
ISO 8503-1:2012	DIN EN ISO 8503-1:2012-06
ISO 8503-3	DIN EN ISO 8503-3
ISO 8503-4	DIN EN ISO 8503-4
ISO 8504-2	DIN EN ISO 8504-2

DIN EN ISO 8503 consists of the following parts, under the general title *Preparation of steel substrates before application of paints and related products — Surface roughness characteristics of blast-cleaned steel substrates*:

- *Part 1: Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces*
- *Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel — Comparator procedure*
- *Part 3: Method for the calibration of ISO surface profile comparators and for the determination of surface profile — Focusing microscope procedure*
- *Part 4: Method for the calibration of ISO surface profile comparators and for the determination of surface profile — Stylus instrument procedure*
- *Part 5: Replica tape method for the determination of the surface profile*

Amendments

This standard differs from DIN EN ISO 8503-2:1995-08 as follows:

- a) the text of the standard has been revised in form and substance.

Previous editions

DIN EN ISO 8503-2: 1995-08

National Annex NA (informative)

Bibliography

DIN EN ISO 8501-1, *Preparation of steel substrates before application of paints and related products — Visual assessment of surface cleanliness — Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings*

DIN EN ISO 8503-1:2012, *Preparation of steel substrates before application of paints and related products — Surface roughness characteristics of blast-cleaned steel substrates — Part 1: Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces*

DIN EN ISO 8503-3, *Preparation of steel substrates before application of paints and related products — Surface roughness characteristics of blast-cleaned steel substrates — Part 3: Method for the calibration of ISO surface profile comparators and for the determination of surface profile — Focusing microscope procedure*

DIN EN ISO 8503-4, *Preparation of steel substrates before application of paints and related products — Surface roughness characteristics of blast-cleaned steel substrates — Part 4: Method for the calibration of ISO surface profile comparators and for the determination of surface profile — Stylus instrument procedure*

DIN EN ISO 8504-2, *Preparation of steel substrates before application of paints and related products — Surface preparation methods — Part 2: Abrasive blast-cleaning*

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