

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

The European Standard EN ISO 8503-1:1995 has the status of a
British Standard

ICS 87.020

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 29 September 1989

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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Contents

	Page
National foreword	ii
Foreword	2
Text of EN ISO 8503-1	3
Publications referred to	Inside back cover

National foreword

This Part of BS 7079 has been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee. It is identical with ISO 8503-1:1988 “*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*”, published by the International Organization for Standardization (ISO). In 1995 the European Committee for Standardization (CEN) accepted ISO 8503-1:1988 as a European Standard EN ISO 8503-1:1995. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 8503-1 and any reference to BS 7079-C1 should be read as reference to BS EN ISO 8503-1.

It has been assumed in the drafting of this standard that it will be used and applied by those who are suitably qualified and experienced and for whose guidance it has been prepared.

Cross-references

International Standard	Corresponding British Standard
	BS 2634 <i>Specification for roughness comparison specimens</i>
ISO 2632-2:1985	Part 2:1987 <i>Specification for spark eroded shot-blasted, grit blasted, and polished specimens</i> (Identical)
	BS 6741 <i>Glossary of surface roughness terms</i>
ISO 4287-1:1984	Part 1:1987 <i>Surface and its parameters</i> (Identical)
	BS 7079 <i>Preparation of steel substrates before application of paints and related products</i>
ISO 8501-1:1988	Part A1:1989 <i>Specification for rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings</i> (identical)
ISO 8503-2:1988	Part C2:1989 <i>Method for grading of surface profile of abrasively blast-cleaned steel substrates using a comparator</i> (Identical)
ISO 8503-3:1988	Part C3:1989 <i>Method for the calibration of surface profile comparators and for the determination of surface profile using a focusing microscope</i> (Identical)
ISO 8503-4:1988	Part C4:1989 <i>Method for the calibration of surface profile comparators and for the determination of surface profile using a stylus instrument</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 4618, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. BS 2015 “*Glossary of paint terms*” is related to, and compatible with, ISO 4618.

Reference is also made to ISO 8504-2¹⁾ for information only. It is intended that ISO 8504-2 will, in due course, be published as a further Part of this British Standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN ISO title page, pages 2 to 8, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

¹⁾ In preparation