

Thermal spraying — Pre-treatment of surfaces of metallic parts and components for thermal spraying

ICS 25.220.10

National foreword

This British Standard is the UK implementation of EN 13507:2010. It supersedes BS EN 13507:2001 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/40, Thermally sprayed inorganic finishes.

A list of organizations represented on this committee can be obtained on request to its secretary.

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 March 2010

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ISBN 978 0 580 63434 5

Amendments/corrigenda issued since publication

Date	Comments

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13507

February 2010

ICS 25.220.10

Supersedes EN 13507:2001

English Version

**Thermal spraying - Pre-treatment of surfaces of metallic parts
and components for thermal spraying**

Projection thermique - Traitement préalable de surface de
pièces et composants métalliques pour projection
thermiques

Thermisches Spritzen - Vorbehandlung von Oberflächen
metallischer Werkstücke und Bauteile für das thermische
Spritzen

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Ref. No. EN 13507:2010: E

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Foreword

This document (EN 13507:2010) has been prepared by Technical Committee CEN/TC 240 "Thermal spraying and thermally sprayed coatings", 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of an identical text or by endorsement, at the latest by August 2010, and conflicting national standards shall be withdrawn at the latest by August 2010.

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

This document supersedes EN 13507:2001.

This standard differs from EN 13507:2001 as follows:

- a) normative references have been reviewed;
- b) Clause 3 (Principles) has been modified;
- c) in Clause 4 (Methods of surface preparation), paragraphs regarding "Degreasing" and "Cleanliness" have been reviewed and shortened;
- d) 4.2.3.3 (Copper refinery slag and coal furnace slag), 4.2.3.4 (Quartz sand) and 4.4 (Roughening by electric spark) have been deleted;
- e) in 4.2.5 (Examination of grit blasted surfaces) reference to EN ISO 8503-2 and EN ISO 8503-4 have been added. New number of this subclause is 4.3.5;
- f) 4.7 has been reviewed under the aspects of precautions for health, safety and environmental protection.

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