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IRISH STANDARD

**I.S. EN 15520:2007**

ICS 25.220.20

**THERMAL SPRAYING - RECOMMENDATIONS  
FOR CONSTRUCTIONAL DESIGN OF  
COMPONENTS WITH THERMALLY SPRAYED  
COATINGS**

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EUROPEAN STANDARD

**EN 15520**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2007

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ICS 25.220.20

English Version

## Thermal spraying - Recommendations for constructional design of components with thermally sprayed coatings

Projection thermique - Recommandations sur la conception  
des assemblages d'éléments comportant un revêtement  
déposé par projection thermique

Thermisches Spritzen - Empfehlungen zum konstruktiven  
Gestalten von Bauteilen mit thermisch gespritzten  
Schichten

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## **Foreword**

This document (EN 15520:2007) 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of an identical text or by endorsement, at the latest by February 2008, and conflicting national standards shall be withdrawn at the latest by February 2008.

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## **EN 15520:2007 (E)**

### **Introduction**

Thermal spraying is applied to improve the surface properties of work pieces in order to increase the wear resistance, the electrical conductivity or the electrical resistance, to achieve corrosion resistance for the pertinent service conditions, to improve sliding behaviour or, to provide heat insulation. Recommendations for thermal spraying are contained in EN 14616.

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