



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN ISO 2063:2005**

ICS 25.220.20

**THERMAL SPRAYING - METALLIC AND  
OTHER INORGANIC COATINGS - ZINC,  
ALUMINIUM AND THEIR ALLOYS (ISO  
2063:2005)**

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*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
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effect on:  
January 12, 2006*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 2063**

March 2005

ICS 25.220.20

English version

**Thermal spraying - Metallic and other inorganic coatings - Zinc,  
aluminium and their alloys (ISO 2063:2005)**

Projection thermique - Revêtements métalliques et  
inorganiques - Zinc, aluminium et alliages de ces métaux  
(ISO 2063:2005)

Thermisches Spritzen - Metallische und andere  
anorganische Schichten - Zink, Aluminium und ihre  
Legierungen (ISO 2063:2005)

This European Standard was approved by CEN on 2 February 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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## **Foreword**

This document (EN ISO 2063:2005) has been prepared by Technical Committee CEN/TC 240 “Thermal spraying and thermally sprayed coatings”, the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 107 “Metallic and other inorganic coatings”.

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of an identical text or by endorsement, at the latest by September 2005, and conflicting national standards shall be withdrawn at the latest by September 2005.

This document supersedes EN 22063:1993.

Annex A and B are informative.

Annex ZA is normative.

This document includes a Bibliography.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom

## **EN ISO 2063:2005 (E)**

### **Introduction**

Thermal-sprayed metallic coatings are produced by heating the coating metal to its molten stage and projecting it in a stream of gas onto the prepared surface to be coated.

It is essential that the purchaser specifies the coating metal or alloy and the thickness of the coating required: merely to ask for thermal metal spraying to be carried out in accordance with this standard, without this information, is insufficient.

It is essential that the design of the article is such that it may be coated properly.

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