

# **Corrosion protection of metals — Electrodeposited coatings of zinc with supplementary treatment on iron or steel**

The European Standard EN 12329:2000 has the status of a  
British Standard

ICS 25.220.40

# National foreword

This British Standard is the official English language version of EN 12329:2000. It supersedes BS 1706:1990 which is withdrawn.

**CAUTION** EN 12329 was approved as a European Standard as it received the requisite support amongst the 19 member bodies of the European Committee for Standardization (CEN). The UK therefore has an obligation to implement EN 12329 as its national standard and to withdraw BS 1706 with which it conflicts. However, attention is drawn to the fact that the UK did not support this standard on the basis of possible safety implications, these being related to the commencement of heat treatment as described in clause 6. The UK concern is that once a sub-microscopic crack forms in the coated article, at present there is no means for its detection and it cannot be “removed”. Following the initiation of a sub-microscopic crack no subsequent heat treatment can repair the damage already sustained. It is essential therefore that the delay in applying heat treatment is as short as practicable. The UK recommendation therefore was to amend the requirement in clause 6 to “heat treatment shall commence as soon as possible, preferably within 1 h, but not later than 3 h after plating” in accordance with those conditions given in ISO 9588. The recommendation was not accepted by the CEN Technical Committee responsible for the development of EN 12329.

The UK participation in its preparation was entrusted to Technical Committee STI/33, Electrodeposited and related coatings, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

## Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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.

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## Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 16, an inside back cover and a back cover.

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