



**BSI Standards Publication**

## **Coil coated metals — Test methods**

---

Part 10: Resistance to fluorescent UV radiation and water condensation

## National foreword

This British Standard is the UK implementation of EN 13523-10:2024. It supersedes BS EN 13523-10:2017, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/21, Paint systems and surface preparation for metallic substrates.

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

### Contractual and legal considerations

This publication has been prepared in good faith, however no representation, warranty, assurance or undertaking (express or implied) is or will be made, and no responsibility or liability is or will be accepted by BSI in relation to the adequacy, accuracy, completeness or reasonableness of this publication. All and any such responsibility and liability is expressly disclaimed to the full extent permitted by the law.

This publication is provided as is, and is to be used at the recipient's own risk.

The recipient is advised to consider seeking professional guidance with respect to its use of this publication.

This publication is not intended to constitute a contract. Users are responsible for its correct application.

© The British Standards Institution 2024  
Published by BSI Standards Limited 2024

ISBN 978 0 539 28020 3

ICS 25.220.60

### Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2024.

### Amendments/corrigenda issued since publication

| Date | Text affected |
|------|---------------|
|------|---------------|

English Version

Coil coated metals - Test methods - Part 10: Resistance to  
fluorescent UV radiation and water condensation

Tôles prélaquées - Méthodes d'essai - Partie 10 :  
Résistance à un rayonnement UV fluorescent et à la  
condensation de l'eau

Bandbeschichtete Metalle - Prüfverfahren - Teil 10:  
Beständigkeit gegen UV-Strahlung mit  
Leuchtstofflampen und Kondensation von Wasser

This European Standard was approved by CEN on 1 January 2024.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

| Contents                                             | Page |
|------------------------------------------------------|------|
| European foreword .....                              | 3    |
| 1 Scope.....                                         | 5    |
| 2 Normative references.....                          | 5    |
| 3 Terms and definitions .....                        | 5    |
| 4 Principle .....                                    | 6    |
| 5 Apparatus and materials.....                       | 6    |
| 6 Sampling.....                                      | 6    |
| 7 Test panels .....                                  | 6    |
| 8 Procedure .....                                    | 6    |
| 8.1 Exposure .....                                   | 6    |
| 8.2 Calibration and maintenance of calibration ..... | 7    |
| 8.3 Evaluation of test specimens .....               | 7    |
| 9 Expression of results .....                        | 8    |
| 10 Precision .....                                   | 8    |
| 11 Test report.....                                  | 8    |
| Bibliography .....                                   | 9    |