



BSI Standards Publication

Metallic coatings — Corrosion test method for decorative chrome plating under a de-icing salt environment

National foreword

This British Standard is the UK implementation of [ISO 24284:2022](#).

The UK participation in its preparation was entrusted to Technical Committee STI/33, Electrodeposited and related coatings.

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 2022
Published by BSI Standards Limited 2022

ISBN 978 0 539 06584 8

ICS 25.220.40

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 28 February 2022.

Amendments/corrigenda issued since publication

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

INTERNATIONAL STANDARD

ISO
24284

First edition
2022-01-05

Metallic coatings — Corrosion test method for decorative chrome plating under a de-icing salt environment

*Revêtements métalliques — Méthode d'essai de corrosion pour le
chromage décoratif en présence de sels de déverglaçage*



Reference number
ISO 24284:2022(E)
Documents
Document Sharing Hub
© ISO 2022



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Apparatus	1
5 Test slurry	2
5.1 Preparation of the calcium chloride (CaCl ₂) solution	2
5.2 Preparation of the slurry (paste)	2
6 Procedure	2
7 Evaluation of the results	3
8 Test report	3
Annex A (informative) Graphical procedure of de-icing salt corrosion test	4
Annex B (informative) Example for rating after de-icing salt corrosion test	6
Bibliography	7