



BSI Standards Publication

Road vehicles — Anti-fog coating for exterior lighting devices — Specification

National foreword

This Published Document is the UK implementation of [ISO/TS 5385:2022](#).

The UK participation in its preparation was entrusted to Technical Committee AUE/1, Vehicle Lighting & Visibility.

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.

This publication is not to be regarded as a British Standard.

© The British Standards Institution 2022
Published by BSI Standards Limited 2022

ISBN 978 0 539 15344 6

ICS 43.040.20

Compliance with a Published Document cannot confer immunity from legal obligations.

This Published Document was published under the authority of the Standards Policy and Strategy Committee on 31 August 2022.

Amendments/corrigenda issued since publication

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

TECHNICAL SPECIFICATION

**ISO/TS
5385**

First edition
2022-04-08

Road vehicles — Anti-fog coating for exterior lighting devices — Specification

*Véhicules routiers — Revêtement antibuée pour dispositifs d'éclairage
extérieurs — Spécification*



Reference number
ISO/TS 5385:2022(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
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 General	1
4.1 Test condition	1
4.2 Test specimens	1
4.3 Examination	2
5 Specifications	2
5.1 Coating thickness	2
5.1.1 Procedure	2
5.1.2 Requirement	2
5.2 Adhesion test	2
5.2.1 Procedure	2
5.2.2 Evaluation	2
5.3 Steam test	3
5.3.1 Method A	3
5.3.2 Method B	4
5.4 Cyclic steam test	5
5.4.1 Procedure	5
5.4.2 Evaluation	5
5.5 High temperature test	5
5.5.1 Procedure	5
5.5.2 Apparatus	5
5.5.3 Evaluation	5
5.6 Low temperature test	5
5.6.1 Procedure	5
5.6.2 Apparatus	5
5.6.3 Evaluation	5
5.7 Condensation water test	6
5.7.1 Procedure	6
5.7.2 Evaluation	6
5.8 Environmental cycle test	6
5.8.1 Procedure	6
5.8.2 Apparatus	7
5.8.3 Evaluation	7
5.9 Accelerated weathering	7
5.9.1 Preparation	7
5.9.2 Procedure	8
5.9.3 Evaluation	8
5.10 Outdoor exposure test	8
Bibliography	9