BS ISO 3536:2016

BSI Standards Publication

Road vehicles — Safety glazing materials — Vocabulary

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National foreword

This British Standard is the UK implementation of ISO 3536:2016.

The UK participation in its preparation was entrusted to Technical Committee AUE/1, Vehicle lighting and signalling.

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

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Published by BSI Standards Limited 2016

ISBN 978 0 580 85826 0

ICS 01.040.43; 01.040.81; 43.040.65; 81.040.30

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 30 June 2016.

Amendments/corrigenda issued since publication

Date	Text affected

BS ISO 3536:2016

INTERNATIONAL STANDARD

ISO 3536

Third edition
2016-06-01

Road vehicles — Safety glazing materials — Vocabulary

Véhicules routiers — Vitrages de sécurité — Vocabulaire

Reference number
ISO 3536:2016(E)

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Contents

Page

Foreword

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The committee responsible for this document is ISO/TC 22, *Road vehicles*, Subcommittee SC 35, *Lighting and visibility*.

This third edition cancels and replaces the second edition (ISO 3536:1999), which has been technically revised.

Road vehicles — Safety glazing materials — Vocabulary

1 Scope

This International Standard defines terms relating to safety glazing materials for road vehicles.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1
safety glazing material
glazing material consisting of organic and/or inorganic materials so constructed or treated to minimize the likelihood of injury to persons as a result of contact with these safety glazing materials when used in a vehicle and which complies with specified requirements for visibility, strength, and durability

2.2
toughened safety glass
glazing material consisting of a single layer of glass which has been subjected to special thermal or chemical treatment to increase its mechanical strength and to condition its fragmentation after shatter

2.3
laminated safety glass
glazing material consisting of two or more layers of glass held together by one or more *interlayers* (2.4)

Note 1 to entry: The following two types are recognized:

— ordinary: when none of the layers of glass, of which it is composed, has been treated, i.e. normal annealed glass;

— treated: when at least one of the layers of glass, of which it is composed, is *toughened safety glass* (2.2) or glass which has been treated in any controlled process in order to give it increased resistance to mechanical and thermal stress.

2.4
interlayer
plastic material designed to be used to permanently bond together the component layers of *laminated safety glass* (2.3)

2.5
glass-plastic glazing material
glazing material which may comprise one layer of glass and one or more layers of plastic in which a plastic surface faces inward towards the vehicle passenger compartment when installed in the vehicle

2.6
plastic safety glazing material
safety glazing material (2.1) that contains, as an essential ingredient, one or more layers of organic polymeric substances

Note 1 to entry: The following two types are recognized:

— rigid plastic: organic polymeric material which maintains its structural stiffness over the intended use range;

— flexible plastic: organic polymeric material which remains conformable over the intended use range.