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**Road vehicles — Safety glazing  
materials — Vocabulary**

*Véhicules routiers — Vitrages de sécurité — Vocabulaire*



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## 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.