



**SLOVENSKI STANDARD**  
**SIST EN 15152:2019/oprA1:2022**  
**01-september-2022**

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**Železniške naprave - Vetrobranska stekla za vlake - Dopolnilo A1**

Railway applications - Windscreens for trains

Bahnanwendungen - Frontscheiben für Schienenfahrzeuge

Applications ferroviaires - Vitres frontales pour véhicules ferroviaires

**Ta slovenski standard je istoveten z: EN 15152:2019/prA1**

<https://standards.iteh.ai/catalog/standards/sist/4d1cadc7-6603-4ab9-a51e-0168150af845/sist-en-15152-2019-opra1-2022>

**ICS:**

45.060.10      Vlečna vozila                      Tractive stock

**SIST EN 15152:2019/oprA1:2022**                      **en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 15152:2019**  
**prA1**

June 2022

ICS 45.060.10

English Version

## Railway applications - Windscreens for trains

Applications ferroviaires - Vitres frontales pour  
véhicules ferroviaires

Bahnanwendungen - Frontscheiben für  
Schienenfahrzeuge

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 256.

This draft amendment A1, if approved, will modify the European Standard EN 15152:2019. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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## European foreword

This document (EN 15152:2019/prA1:2022) has been prepared by Technical Committee CEN/TC 256 “Railway applications”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZA, which is an integral part of EN 15152:2019.

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**EN 15152:2019/prA1:2022 (E)****1 Modification to 5.1.2 Visual inspection procedure for appearance defects**

Delete the following item and note:

“— The residual lighting level in the test chamber, with the luminous screen power off, shall not be greater than 60 lx measured at the inner face of the windscreen.

NOTE 60 lx is representative of the acceptable limit in the driver's cab.”

**2 Modification to Table 5 Colour specification**

Replace Table 5 by the following table:

Colour	Integration limits	
	Lower bound, a, nm	Upper bound, b, nm
White (full visible spectrum)	380	780
Red	605	780
Yellow	580	600
Green <sup>a</sup>	420	575
Blue <sup>b</sup>	380	500
a Green and blue wavelengths overlap b Blue wavelength includes the visible purple/violet in the visible spectrum.		

**3 Modification to 6.1.4 Impact test procedure**

Delete last sentence of 6.1.4:

“If the measured impact velocity VT is greater than VP + 4 km/h the test result may be set aside.”

**4 Modification to 6.4.3 Test method**

Delete last sentence of 6.4.3:

“If the measured projectile velocity is more than 10 km/h higher than the test velocity the test result may be set aside.”

**5 Modification to Figure B.1 Optical characteristics of an inclined windscreen**

Add the following item to the key:

“v absorption constant”