

**Compulsory specification for/
Verpligte spesifikasie vir**

**Replacement safety glass for use in
road vehicles/
Vervangingsveiligheidsglas vir gebruik
in padvoertuie**

Published by Government Notice No. 1766 (Government Gazette 16820) of
17 November 1995/
Gepubliseer by Goewermentskennisgewing No 1766 (Staatskoerant 16820)
van 17 November 1995

comp.VC8051

Folder/Omslag VC 8051

**DEPARTMENT OF TRADE AND
INDUSTRY**

No. 1766

17 November 1995

STANDARDS ACT, 1993

**COMPULSORY SPECIFICATION FOR REPLACE-
MENT SAFETY GLASS FOR USE IN ROAD
VEHICLES**

I, Trevor A. Manuel, Minister of Trade and Industry, hereby under section 22 (1) (a) (i) of the Standards Act, 1993 (Act No. 29 of 1993), and on the recommendation of the Council of the South African Bureau of Standards, declares the specification for incandescent lamps for motor vehicles, published by Government Notice No. 276 of 24 February 1995, as set out in the Schedule, with effect from the date 6 (six) months after publication of this notice, compulsory.

T. A. MANUEL,
Minister of Trade and Industry.

**DEPARTEMENT VAN HANDEL EN
NYWERHEID**

No. 1766

17 November 1995

WET OP STANDAARDE, 1993

**VERPLIGTE SPESIFIKASIE VIR VERVANGINGS-
VEILIGHEIDSGLAS VIR PADVOERTUIE**

Ek, Trevor A. Manuel, Minister van Handel en Nywerheid, verklaar hierby die spesifikasie vir vervangingsveiligheidsglas vir padvoertuie kragtens artikel 22 (1) (a) (i) van die Wet op Standaarde, 1993 (Wet No. 29 van 1993), en op aanbeveling van die Raad van die Suid-Afrikaanse Buro vir Standaarde, met ingang van die datum 6 (ses) maande na die publikasie van hierdie kennisgewing, tot 'n verpligte spesifikasie soos gepubliseer by Goewermentskennisgewing No. 276 van 24 Februarie 1995, ooreenkomstig die besonderhede in die Bylae uiteengesit.

T. A. MANUEL,
Minister van Handel en Nywerheid.

SCHEDULE

**COMPULSORY SPECIFICATION FOR REPLACE-
MENT SAFETY GLASS FOR USE IN ROAD
VEHICLES**

1. Scope

1.1 This specification covers safety glass that are offered for sale as replacement parts for use in road vehicles.

1.2 This specification does not cover safety glass for use in off-road vehicles such as agricultural machines or earth-moving machines.

2. Definitions

For the purposes of this specification, the following definitions apply:

2.1 Safety glass: A glass that, if broken, is less likely (in comparison with ordinary glass) to cause serious physical injury.

2.2 Laminated safety glass: Two or more layers of glass that are held together by one or more layers of plastic material.

2.3 Toughened safety glass: A single layer of glass that has been subjected to special treatment to increase its mechanical strength and to condition fragmentation when the glass is broken.

BYLAE

**VERPLIGTE SPESIFIKASIE VIR VERVANGINGSVEI-
LIGHEIDSGLAS VIR GEBRUIK IN PADVOERTUIE**

1. Bestek

1.1 Hierdie spesifikasie dek veiligheidsglas wat te koop aangebied word as vervangingsonderdele vir gebruik in padvoertuie.

1.2 Hierdie spesifikasie dek nie veiligheidsglas vir gebruik in nie-padvoertuie soos landbou- of grondverskuiwingsmasjiene nie.

2. Woordbepaling

Die volgende woordbepalings geld vir die doel van hierdie spesifikasie:

2.1 Veiligheidsglas: Glas wat, as dit breek, minder geneig is om liggaamlike beserings van 'n ernstige aard te veroorsaak as gewone glas.

2.2 Lamelveiligheidsglas: Twee of meer lae glas wat deur een of meer lae plastiek materiaal aanmekaar gehou word.

2.3 Getemperde veiligheidsglas: 'n Enkele laag glas wat aan spesiale behandeling onderwerp is om die meganiese sterkte daarvan te verhoog en om verbrokkeling te beheer as dit breek.

3. Requirements

3.1 Windscreens

Windscreens shall be made of high penetration-resistant laminated safety glass and shall comply with the requirements given in the following clauses/sub-clauses of SABS 1191, *High penetration-resistant laminated safety glass for vehicles* (as amended), as published in Government Notice No. 463 (*Government Gazette* No. 8303) of 9 July 1982:

- 3.1 Optical requirements
 - 3.1.1 General
 - 3.1.2 Luminous transmittance
 - 3.1.3 Secondary image
 - 3.1.4 Distortion of vision
- 3.2 Physical requirements
 - 3.2.1 Resistance to high temperature
 - 3.2.2 Resistance to ultra-violet radiation
 - 3.2.3 Fracture and adhesion
 - 3.2.4 Impact resistance
 - 3.2.5 Resistance to humidity
- 4. Marking

3.2 Laminated safety glass (other than windscreens)

Laminated safety glass shall comply with the requirements given in the following clauses/subclauses of SABS 1192, *Laminated safety glass for vehicles* (as amended), as published in Government Notice No. 463 (*Government Gazette* No. 8303) of 9 July 1982:

- 3.1 Optical requirements
 - 3.1.1 General
 - 3.1.2 Luminous transmittance

- 3.2 Physical requirements
 - 3.2.1 Resistance to high temperature
 - 3.2.2 Resistance to ultraviolet radiation
 - 3.2.3 Fracture and adhesion
 - 3.2.4 Resistance to humidity
- 4. Marking

3.3 Toughened safety glass

Toughened safety glass shall comply with the requirements given in the following clauses/subclauses of SABS 1193, *Toughened safety glass for vehicles* (as amended), as published in Government Notice No. 463 (*Government Gazette* No. 8303) of 9 July 1982:

- From 3.1 Optical requirements, the requirements
 - 3.1.1 General
 - 3.1.2 Luminous transmittance
- From 3.2 Physical requirements, the requirements
 - 3.2.2 Fragmentation
- From section 4 Marking, items 4.1 (a) and 4.1 (b)

4. Equivalent requirements

Safety glass that is marked with the SABS mark, the E mark, or other recognized approval mark indicating compliance with an equivalent specification, may be deemed to comply with the requirements of this specification.

3. Vereistes

3.1 Windskerms

Windskerms moet van hoogs penetrasiebestande lamelveiligheidsglas gemaak wees en moet voldoen aan die vereistes wat aangegee word in die volgende klousules/subklousules van SABS 1191, *Hoogs penetrasiebestande lamelveiligheidsglas vir voertuie* (soos gewysig), soos gepubliseer by Goewermentskennisgewing No. 463 (*Staatskoerant* No. 8303) van 9 Julie 1982:

- 3.1 Optiese vereistes
 - 3.1.1 Algemeen
 - 3.1.2 Ligdeurlating
 - 3.1.3 Sekondêre beeld
 - 3.1.4 Sigvervorming
- 3.2 Fisiese vereistes
 - 3.2.1 Bestandheid teen hoë temperatuur
 - 3.2.2 Bestandheid teen ultravioletstraling
 - 3.2.3 Breuk en klewing
 - 3.2.4 Slagbestandheid
 - 3.2.5 Bestandheid teen vogtigheid
- 4. Merke

3.2 Lamelveiligheidsglas (uitgesonderd windskerms)

Lamelveiligheidsglas moet voldoen aan die vereistes wat aangegee word in die volgende klousules/subklousules van SABS 1192, *Lamelveiligheidsglas vir voertuie* (soos gewysig), soos gepubliseer by Goewermentskennisgewing No. 463 (*Staatskoerant* No. 8303) van 9 Julie 1982:

- 3.1 Optiese vereistes
 - 3.1.1 Algemeen
 - 3.1.2 Ligdeurlating

- 3.2 Fisiese vereistes
 - 3.2.1 Bestandheid teen hoë temperatuur
 - 3.2.2 Bestandheid teen ultravioletstraling
 - 3.2.3 Breuk en klewing
 - 3.2.4 Bestandheid teen vogtigheid
- 4. Merke

3.3 Getemperde veiligheidsglas

Getemperde veiligheidsglas moet voldoen aan die vereistes wat aangegee word in die volgende klousules/subklousules van SABS 1193, *Getemperde veiligheidsglas vir voertuie* (soos gewysig), soos gepubliseer by Goewermentskennisgewing No. 463 (*Staatskoerant* No. 8303) van 9 Julie 1982:

- Uit 3.1 Optiese vereistes, die vereistes
 - 3.1.1 Algemeen
 - 3.1.2 Ligdeurlating
- Uit 3.2 Fisiese vereistes, die vereistes
 - 3.2.2 Verbrotting
- Uit Afdeling 4 Merke, item 4.1 (a) en 4.1 (b)

4. Ekwivalente vereistes

Veiligheidsglas wat die SABS-merk, die E-merk, of 'n ander erkende goedkeuringsmerk dra wat voldoen aan 'n ekwivalente spesifikasie aandui, kan geag word aan die vereistes van hierdie spesifikasie te voldoen.