



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de la Mobilité
et des Travaux publics

Département de la mobilité
et des transports

SOCIÉTÉ NATIONALE DE
CERTIFICATION ET D'HOMOLOGATION
S.A.

Registre de Commerce: B 27180

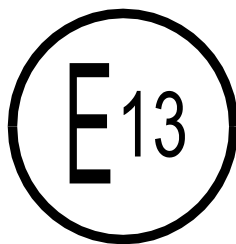
L-8070 Bertrange



Référence: E13*43R01/08*9861*01

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 05 février 2021



Communication concernant ⁽¹⁾ / Communication concerning ⁽¹⁾:

- la délivrance d'une homologation / approval granted
- l'extension d'homologation / approval extended
- le refus d'homologation / approval refused
- le retrait d'homologation / approval withdrawn
- l'arrêt définitif de la production / production definitely discontinued

d'un type de vitrage de sécurité en application du Règlement N° 43
of a type of safety glazing material pursuant to Regulation N° 43

Numéro d'homologation:
Approval number:

E13*43R01/08*9861*01

Marque d'homologation:
Approval mark:

V-X/B

 43R-019861

1. Classe attribuée au vitrage de sécurité:
Class of safety glazing material:

Rigid plastic multiple glazed units

2. Description du type de vitrage:
Description of the glass pane:

Please refer to Appendix 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
and 12 ⁽¹⁾ and in the case of windscreens, the list
conforming to Appendix 13

3. Marque de fabrique ou de commerce:
Trade names or marks:

Anhui Shengxuan Special Vehicle Parts Co., Ltd.
MAYGOOD (Logo: See information document)

Type:
Type:

Rigid Plastic Multiple Glazed Units
(V-X/B 3+22+2.5mm)

4. Nom et adresse du fabricant:
Manufacturer's name and address:

Anhui Shengxuan Special Vehicle Parts Co., Ltd.
Shushan Modern Industrial Park, Huainan City,
Hefei City, Anhui Province, P.R. China

5. Nom et adresse du représentant du fabricant
(le cas échéant):

If applicable, name and address of the manufacturer's representative: Not applicable

6. **Présenté à l'homologation le:**
Submitted for approval on: Not applicable
7. **Service technique chargé des essais d'homologation:**
Technical service responsible for conducting approval tests: TÜV Rheinland Luxembourg S.à r.l.
2-4, rue Edmond Reuter
L-5326 Contern
8. **Date du procès-verbal d'essai:**
Date of test report issued by that service: 21.01.2021
9. **Numéro du procès-verbal d'essai:**
Number of test report issued by that service: 87-R43-2427/20-00
10. **Homologation ⁽¹⁾:**
Approval is ⁽¹⁾: ~~Granted~~ / extended / ~~refused~~ / ~~withdrawn~~
11. **Motif(s) de l'extension d'homologation (le cas échéant):**
Reason(s) for extension of approval (if applicable): See list of modifications, Appendix 0 of test report
12. **Remarques:**
Remarks: None
13. **Lieu:**
Place: Bertrange
14. **Date:**
Date: 05 février 2021

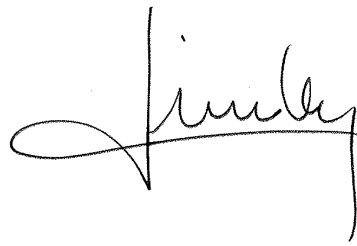
15. **Signature:**
Signature:

Pour le Ministre de la Mobilité
et des Travaux publics



Alain DISIVISCOUR
Conseiller

Pour la SNCH




Laurent LINDEN
Directeur opérationnel



16. **Est annexée la liste des pièces constituant le dossier d'homologation déposé au Service administratif ayant délivré l'homologation et pouvant être obtenue sur demande.**

The list of documents deposited with the Administrative Service which has granted approval is annexed to this communication and may be obtained on request.

See INDEX to TYPE-APPROVAL REPORT

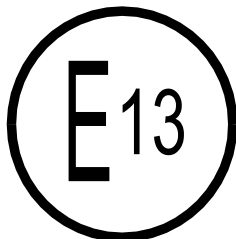
⁽¹⁾ **Biffer les mentions inutiles.**
Strike out what does not apply.



Référence: E13*43R01/08*9861*01

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 05 février 2021



Annexe 1 - Appendice 7

Annex 1 - Appendix 7

VITRAGES MULTIPLES
MULTIPLE GLAZED UNITS

(Caractéristiques principales et secondaires
suivant l'annexe 12 ou l'annexe 16 du Règlement n° 43)

(Principal and secondary characteristics
as defined in annex 12 or annex 16 to Regulation No. 43)

N° d'homologation:
Approval N°:

E13*43R01/08*9861*01

Caractéristiques principales:
Principal characteristics:

- Nature des vitrages multiples
(symétrique/asymétrique):

Composition of multiple-glazed units (symmetrical/asymmetrical): Symmetrical/asymmetrical

- Epaisseur nominale de l'espace (des espaces):

Nominal thickness of the gap(s): 22 mm

- Méthode de montage:

Method of assembly: Adhesion

- Type de chaque vitre constitutive suivant les
Annexes 5, 7, 9, 11 ou 14:

Type of each glazing as defined in annexes 5, 7, 9, 11, or 14: Rigid plastic panes (3 mm outer and 2.5 mm inner)

Pièces jointes:
Documents attached:

~~Une fiche pour tous les vitrages constitutifs d'un vitrage multiple symétrique conformément à l'annexe
suivant laquelle ces vitrages ont été éprouvés ou homologues.~~

~~One form for all panes of a symmetrical multiple-glazed unit in accordance with the annex under which the panes have been tested or approved.~~

~~Une fiche pour chaque vitrage différent constitutif d'un vitrage multiple asymétrique conformément aux
annexes suivant lesquelles ces vitrages ont été éprouvés ou homologues.~~

~~One form for each different pane of an asymmetrical multiple-glazed unit in accordance with the annexes under which these panes have been
tested or approved.~~

Remarques:

Remarks:

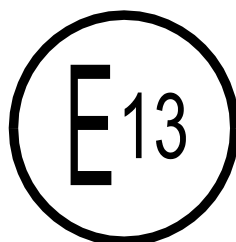
Light transmittance $\leq 70 \%$



Référence: E13*43R01/08*9861*01

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 05 février 2021



Annexe 1 - Appendice 8

Annex 1 - Appendix 8

VITRAGES EN PLASTIQUE RIGIDE RIGID PLASTICS PANES

(Caractéristiques principales et secondaires conformément à l'annexe 14)

(Principal and secondary characteristics
in accordance with Annex 14)

N° d'homologation:

Approval N°:

E13*43R01/08*9861*01

Caractéristiques principales:

Principal characteristics:

- **Nom chimique du vitrage:**

Chemical designation of the material:

PMMA (polymethylmethacrylate)

- **Classe attribuée au vitrage par le fabricant:**

The classification of the material by the manufacturer:

MMA

- **Procédé de fabrication:**

Process of manufacture:

Cast

- **Forme et dimensions:**

Shape and dimensions:

Greatest developed area (flat and curved): 900 x 950 mm
Greatest height of segment: 22 mm

- **Epaisseur nominale:**

Nominal thickness:

3 mm and 2.5 mm

- **Coloration du plastique rigide:**

Colouring of the rigid plastic material:

Grey

- **Nature et type du revêtement de surface:**

Nature and type of surface coating:

Not applicable

Caractéristiques secondaires:

Secondary characteristics:

- **Conducteurs incorporés (oui / non):**

Conductors incorporated (yes / no):

~~Yes~~ / no

Remarques:

Remarks:

None



Référence: E13*43R01/08*9861*01

Annexes: - Rapport technique
- Fiche de renseignements du constructeur

Bertrange, le 05 février 2021

INDEX DU DOSSIER D'HOMOLOGATION INDEX TO TYPE-APPROVAL REPORT

Numéro d'homologation:
Approval number:

E13*43R01/08*9861*01

Révision:
Revision:

00

Marque de fabrique:
Trade name or mark:

Anhui Shengxuan Special Vehicle Parts Co., Ltd.
MAYGOOD (Logo: See information document)

Type:
Type:

Rigid Plastic Multiple Glazed Units
(V-X/B 3+22+2.5mm)

1. Procès-verbal d'essai:
Test report:

N° 87-R43-2427/20-00

- Test report:
- List of modifications:
- Test results:
- Technical information:

Page(s) 1 to 4;
Appendix 0 - Page(s) 5;
Appendix 1 - Page(s) 6 to 12;
Appendix L - Page(s) 13 to 15.

2. Dossier du constructeur:
Report of the manufacturer:

N° 43-V-X/B-3+22+2.5mm-01

- Manufacturer's information folder:

Page(s) 1 to 4.

3. Autres documents annexés:
Other documents annexed:

Not applicable

4. Date de délivrance de l'homologation initiale:
Date of issue of initial type approval:

01.04.2019

5. Date de la dernière délivrance de pages révisées:
Date of last issue of revised pages:

Not applicable

6. Date de la dernière délivrance d'une homologation révisée:
Date of last extension:

05.02.2021

TEST REPORT

according to UN-Regulation

**Uniform provisions concerning the approval of
safety glazing materials and their installation on vehicles**

UN-R43

as last amended by

**Series of Amendment: 01
Supplement 8**

Previously granted

UN-type approval : E13*43R01/06*9861*00

Structure of Report

0. General information
1. Tested vehicle(s) / object(s) and general test information
2. Test minutes
3. Remark concerning tested object(s)
4. Appendices
5. Statement of conformity

The Test Report shall be reproduced and published in full by the client only. It shall however be reproduced partially with the written permission of the Testing Laboratory only.

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
 Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

0. General information

- 0.1. Trade mark or trade name of type : Anhui Shengxuan Special Vehicle Parts Co., Ltd.,

- 0.2. Manufacturer's name for the type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)
- 0.3. Name and address of the manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
 Shushan Modern Industrial Park, Huainan City, Hefei City,
 Anhui Province, P.R. China
- 0.4. Name and address of the manufacturer's authorized representative : Not applicable
- 0.5. No. of Information Document : 43-V-X/B-3+22+2.5mm-01
 Date of issue : June 06, 2018
 Date of last amendment : September 8, 2020

1. Test object(s) and general test information

- 1.1 description
 vehicle / object : Rigid Plastic Multiple Glazed Units
 Commercial description : Not applicable
 type(s) / variant(s) / version(s) : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)
 identification number : Not applicable
 condition of vehicle(s) / object(s) : new, ~~used~~, ~~pre-tested~~
- 1.2. Worst case configuration : There is a text extension only without any testing. The worst case should be refer to the original type approval.
- 1.3 Remarks : Not applicable

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

2. Test minutes

2.1. Test facilities : The test and measurement equipment used was in compliance with the test requirements.

2.1.1. Specifications for the test site : Not applicable

2.1.2. Subcontracting : Not applicable

2.2. Test results : See Appendix 1

Numbering according to Annex 16 of the UN-R43.01

2.2.1. Test results referring to measurements : Pass / ~~Fail~~

2.2.2. Test results of not measurable attributes : ~~Pass / Fail~~

2.2.3. Alternative test methods : Not applicable

Remarks concerning extension : ~~The vehicle type has been tested according to the modification(s) mentioned in appendix 0.~~
~~The new parts meet the requirements of the regulation.~~
An actual practical test of the vehicle was not necessary. The results of the previous test(s) are still valid.

2.3. Additional information : The results of the test refer exclusively to the object(s) mentioned under point 1.1 of this report.

Test site : China Building Material Test & Certification Group Co., Ltd.
No.1, Guanzhuang Dongli, Chaoyang District, Beijing, China

Test date : June 07, 2018 to January 10, 2019
January 21, 2021

2.4. Remarks : Not applicable

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

3. Remark concerning test object(s) : All version of the test object(s) as stated in the information document are covered with the tested version(s) and test object(s) respectively.

4. List of Appendices

Appendix 0 : List of modifications
Appendix 1 : Test results
Information folder : 43-V-X/B-3+22+2.5mm-01 (4 pages)

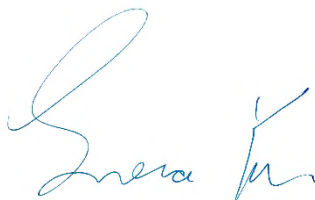
5. Statement of conformity

The point 0.5 mentioned information folder and the type described in that comply with the requirements mentioned on page 1.

With regard to the required level of performance to be achieved, the tested items were representative for the type to be approved (see point 1.2).

The mentioned test results refer to the vehicle(s)/object(s) described under point 1.1 of this report.

Engineering Center Shanghai, January 21, 2021
EY



Emma Yu
Expert Technical Service

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)



List of modifications

Appendix 0

Correction of : ---

Modification of : 1) the latest supplement of the regulation

Addition of : 1) the new trade mark
2) assembly plant

Deletion of : ---

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

Test results

Appendix 1

Paragraphs	Requirements and test description	Result of examination
4.	Markings	
4.1.	Every piece of safety glazing material, including the samples and test pieces submitted for approval, shall bear a trade name or mark of the manufacturer. Manufactured parts shall bear the UN Regulation No. 43 number allocated to the prime manufacturer. The marking shall be clearly legible and indelible.	Comply (See information folder pages 4 of 4)
6.	General specifications	
6.1.	All glazing materials, including glazing material for the manufacture of windscreens, shall be such that, in the event of shattering, the danger of bodily injury is reduced as far as possible. The glazing material shall be sufficiently resistant to the incidents likely to occur in normal traffic, and to atmospheric and temperature conditions, chemical action, combustion and abrasion.	Comply
6.2.	Safety glazing materials shall in addition be sufficiently transparent, shall not cause any noticeable distortions of objects as seen through the windscreen, and shall not give rise to any confusion between the colours used in road-traffic signs and signals. In the event of the windscreen's shattering, the driver shall still be able to see the road clearly enough to be able to brake and stop his vehicle safely.	Comply

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

7.	Particular specifications		
A16/2.	General		
A16/2.1.	In the case of rigid plastic multiple-glazed units, the tests shall be conducted either on flat test pieces or finished parts depending upon test requirements.	Comply	
A16/2.2.	The test pieces shall be freed from protecting makings and cleaned before testing. They shall be stored for 24h at a temperature of 23°C ± 2°C and a relative humidity of 50% ± 5% prior to testing.	Comply	
A16/2.3.	The nominal thickness tolerance for extruded plastic products is ±10% of the nominal thickness. For plastic products produced by other techniques (e.g. cast acrylic sheet), the acceptable thickness tolerance is given by the equation: Thickness tolerance limits (mm) = ± (0.4 + 0.1e) Where e is the sheet nominal thickness in millimetres. Reference Standard is ISO 7823-1:2003.	Comply	
A16/2.4.	Test carried out on rigid plastic multiple-glazed units having a nominal width of gap e measured at the geometrical centre shall be considered to be applicable to all rigid plastic multiple-glazed units having the same characteristics and a nominal width of gap e ± 5mm. The applicant for approval may alternatively submit the sample having the largest and smallest nominal gaps.	Comply	
A16/3.	FLEXIBILITY TEST Test manner is described in Annex 3, Paragraph 12 Sample: One test piece for each component sheet of 300mm × 25mm × 3.3mm For a test piece or sample to be considered rigid the vertical deflection of the test piece shall be less than or equal to 50mm after 60s.		Comply
	Sample	Actual vertical deflection	Required limit
	flat square pane (300mmx25mm)	5.5 mm / 60s	≤ 50mm / 60s

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

A16/4	HEADFORM TEST				Comply Classification X/B		
	Test manner is described in Annex 3, Paragraph 3.2 Sample: six complete parts For glazing like side windows, back windows and sunroofs which have reduced impact possibilities (Classification X/B) the drop height shall be 1.5m. The HIC value shall also be measured. The test piece or sample is not penetrated nor shall it break into fully separate large pieces. The HIC value is less than 1,000.						
	Sample No.	Thickness (mm)	Drop height (cm)	Penetration	Break into several pieces	HIC Value	Required limit
	1	23.1	300	No	No	341.3	≤1,000
	2	21.0	300	No	No	320.4	
	3	25.1	300	No	No	334.7	
	4	20.3	300	No	No	335.4	
	5	27.2	300	No	No	300.7	
6	27.0	300	No	No	294.6		
A16/5.	Mechanical strength test						
A16/5.1.	227 g ball test (Drop height: 3.0m) Test manner is described in Annex 3, paragraph 2.1.and Annex 16, paragraph 5.3. Sample: 10 flat square pieces of 300mm x 300mm × 3.3mm Secondary characteristic: Without obscuration(s). The test pieces do not break. The test piece does not break into separate pieces				Comply		
	Sample No.	Test result		Required			
	1	no break		no break			
	2	no break		no break			
	3	no break		no break			
	4	no break		no break			
	5	no break		no break			
	6	no break		no break			
	7	no break		no break			
	8	no break		no break			
	9	no break		no break			
	10	no break		no break			

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

A14/5.5.	227 g ball test at -18°C ± 2°C (Drop height: 3.0m)		Comply
	Sample No.	Test result	Required
	1	no break	no break
	2	no break	no break
	3	no break	no break
	4	no break	no break
	5	no break	no break
	6	no break	no break
	7	no break	no break
	8	no break	no break
	9	no break	no break
	10	no break	no break
A16/6.	Test Resistance to the environment		
A16/6.1.	Test of Resistance to Abrasion Test manner is described in Annex 3, paragraph 4. and Annex 16, paragraph 6.1.1. Sample: 3 flat square pieces of 100mm x 100mm have both surfaces substantially plane and parallel. In the case of glazing of Class L, the abrasion test shall be considered to have given a satisfactory result if the increase of haze after abrasion does not exceed 2% after 1,000 cycles on the outer surface of the test sample and 4% after 100 cycles on the inner surface of the test sample. In the case of glazing of Class M, the abrasion test shall be considered to have given a satisfactory result if the increase of haze after abrasion does not exceed 10% after 500 cycles on the outer surface of the test sample and 4% after 100 cycles on the inner surface of the test sample. In the case of glazing of Class L, for the abrasion on the outer surface of the test sample, either the abrasion test according to Annex 3, Paragraph 4. or as an equivalent alternative the package of sand drop test, car-wash test and wiper test shall apply as described in Annex 17, Paragraphs 6.1.2., 6.1.3. and 6.1.4. For sun roofs, no abrasion test is required.		N.A. Only used for Trailer including Caravans

Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

A16/6.2.	Test of Resistance to Simulated Weathering Test manner is described in Annex 3, Paragraph 6.4. and Annex 16, paragraph 6.2.1. Sample: 3 flat test piece of 130mm × 40mm cut from the outer skin of the window The light transmittance measured in accordance with Annex 3, Paragraph 9.1. does not fall below 95% of the pre-weathering value. Additionally, for windows which are required for driver visibility the value shall not fall below 70%. No bubbles or other visible decompositions, discolorations, milkiness or crazing shall occur during weathering.	Comply																					
	<table><tr><th rowspan="2">Sample No.</th><th colspan="2">light transmittance</th></tr><tr><th>before</th><th>after</th></tr><tr><td>1</td><td>39.27</td><td>38.48</td></tr><tr><td>2</td><td>39.18</td><td>38.87</td></tr><tr><td>3</td><td>38.96</td><td>38.45</td></tr></table>	Sample No.	light transmittance		before	after	1	39.27	38.48	2	39.18	38.87	3	38.96	38.45	<table><tr><th>Result</th><th>Required limit</th></tr><tr><td>98.0</td><td rowspan="3">≥ 95%</td></tr><tr><td>99.2</td></tr><tr><td>98.7</td></tr></table>	Result	Required limit	98.0	≥ 95%	99.2	98.7	
Sample No.	light transmittance																						
	before	after																					
1	39.27	38.48																					
2	39.18	38.87																					
3	38.96	38.45																					
Result	Required limit																						
98.0	≥ 95%																						
99.2																							
98.7																							
A16/6.3.	Cross-cut Test Test manner is described in Annex 3, Paragraph 13 Sample: 1 of the test pieces from Paragraph 6.2. The cross-cut value Gt1 is met.	N.A. (without coating)																					

A16/6.4.	Resistance-to-humidity Test Test manner is described in Annex 3, Paragraph 7 Sample: 10 flat square test pieces of 300mm side No visible decompositions like bubbles or milkiness occur on any sample, And if the light transmittance measured according to Annex 3, Paragraph 9.1. does not fall to less than 95% of the pre-test value and additionally to no less than 70% for any window required for driver visibility. After testing the test pieces shall be stored for at least 48h at a temperature of 23°C ± 2°C and a relative humidity of 50% ± 5%, and then subjected to the 227g ball drop test described under Item 5 of this Annex.	Comply	
Sample No.	Sample status after test	Light transmittance after test/ Light transmittance before test (%)	227 g ball test (Drop height: 3.0m) Test result
1	No change	98.0	no break
2	No change	97.8	no break
3	No change	99.8	no break
4	No change	99.8	no break
5	No change	99.8	no break
6	No change	99.6	no break
7	No change	99.8	no break
8	No change	99.7	no break
9	No change	98.7	no break
10	No change	99.9	no break

A16/7.	Optical qualities		
A3/9.1	Light transmission test Test manner is described in Annex 3, Paragraph 9.1. Sample: 4 test pieces of 3+2.2+2.5mm	Comply Classification V-X/B	
	Sample No.	Actual transmittance	Required limit
	1	37.0%	≤70%
	2	37.0%	
	3	37.1%	
	4	37.2%	

A16/8.	Fire resistance test Test manner is described in Annex 3, Paragraph 10. Sample: 5 plane test pieces of 356mm × 100mm × 3.3mm The burning rate is less than 110mm/min <table><tr><th>Sample No.</th><th>Burning rate (mm/min)</th></tr><tr><td>1</td><td>0</td></tr><tr><td>2</td><td>0</td></tr><tr><td>3</td><td>0</td></tr><tr><td>4</td><td>0</td></tr><tr><td>5</td><td>0</td></tr></table>	Sample No.	Burning rate (mm/min)	1	0	2	0	3	0	4	0	5	0	Comply Required limit (mm/min) < 110
Sample No.	Burning rate (mm/min)													
1	0													
2	0													
3	0													
4	0													
5	0													
A16/9.	RESISTANCE TO CHEMICALS													
A3/11.2.1.	Immersion test Test manner is described in Annex 3, Paragraph 11.2.1. Sample: 4 samples 180mm × 25mm × 3.3mm shall be tested for each test and each chemical The sample does not exhibit any softening, tackiness, crazing or apparent loss of transparency. All samples give satisfactory results	Comply												
A3/11.2.4.	Test Procedure Under Load Test manner is described in Annex 3, Paragraph 11.2.4. Sample: 4 samples 180mm × 25mm shall be tested for each test and each chemical The sample does not exhibit any softening, tackiness, crazing or apparent loss of transparency. All samples give satisfactory results	Comply												

Test Report No. : 87-R43-2427/20-00
 Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
 Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)



Appendix L

Technical information about the safety glazing material type according to Annex 1 of the UN-R43 for the communication of the UN-certificate

1. Class of safety glazing material : Rigid Plastic Multiple Glazed Units
2. Description of the type of glazing : Please refer to Appendices ~~1, 2, 3, 4, 5, 6, 7, 8 and 9, 10, 11 and 12~~ and in the case of windcreens, the list conforming to Appendix 13.
3. Trade name or marks : Anhui Shengxuan Special Vehicle Parts Co., Ltd.,

- Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)
4. Manufacturer's name and address : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
 Shushan Modern Industrial Park, Huainan City, Hefei City, Anhui Province, P.R. China
5. If applicable, name and address of manufacturer's representative : Not applicable
6. Submitted for approval on : Not applicable
7. Technical service responsible for conducting approval tests : TÜV Rheinland Luxembourg S.à r.l.
 2-4, rue Edmond Reuter
 L-5326 Contern
8. Date of report issued by that service : January 31, 2019
January 21, 2021
11. Reason(s) for extension of approval : 1) Modification of the latest supplement of the regulation
2) Addition of the new trade mark
3) Addition of assembly plant
12. Remarks : Not applicable

Test Report No. : 87-R43-2427/20-00
Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)



Annex 1 – Appendix 7
Multiple Glazed Units
(Principal and secondary characteristics in accordance with Annex 16)

Approval No.: E13*43R01/08*9861*01

Principal characteristics

Composition of multiple-glazed units : symmetrical/asymmetrical
Nominal thickness of the gap(s) : 22mm
Method of assembly : adhesion
Type of each glazing component as defined in Annexes 14 : Rigid plastic panes (3mm outer and 2.5mm inner)

Documents attached

~~One form for all panes of a symmetrical multiple-glazed unit in accordance with the Annex under which the panes have been tested or approved.~~

One form for each different pane of an asymmetrical multiple-glazed unit in accordance with the Annexes under which these panes have been tested or approved.

Remarks : Light transmittance $\leq 70\%$

Test Report No. : 87-R43-2427/20-00
Manufacturer : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
Type : Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)



Annex 1 – Appendix 8
Rigid Plastics Panes
(Principal and secondary characteristics in accordance with Annex 14)

Principal characteristics:

Chemical designation of the material : PMMA (polymethylmethacrylate)
The classification of the material by the manufacturer : MMA
Process of manufacture : Cast
Shape and dimension : Greatest developed area
Flat and curved : 900 × 950mm
Greatest height of segment : 22mm
Nominal thickness : 3mm and 2.5mm
Colouring of the rigid plastic material : Grey
Nature and type of surface coating : Not applicable

Secondary characteristics

Conductors incorporated (yes/no) : ~~Yes~~/ no
Remarks : Not applicable

Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Information document No. 43-V-X/B-3+22+2.5mm-01

Application date: September 8, 2020

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0. General

1. Class of safety glazing material : Rigid Plastic Multiple Glazed Units
2. Description of the type of glazing : Rigid Plastic Multiple Glazed Units
(V-X/B 3+22+2.5mm)
3. Trade names or marks : Anhui Shengxuan Special Vehicle Parts Co., Ltd.,

4. Manufacturer's name and address : Anhui Shengxuan Special Vehicle Parts Co., Ltd.
Shushan Modern Industrial Park, Huainan City,
Hefei City, Anhui Province, P.R. China

Name and address(es) of assembly plant(s) : Anhui Maygood RV Accessories Co., Ltd.
Shenglong Road, Gangji Town, Changfeng County, Hefei
City, Anhui, P.R. China
5. If applicable, name and address of manufacturer's representative : Not applicable
6. Extension reason : 1) Modification of the latest supplement of the regulation
2) Addition of the new trade mark
3) Addition of assembly plant

Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Information document No. 43-V-X/B-3+22+2.5mm-01

Application date: September 8, 2020
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**Principal and secondary characteristics of Multiple-glazed Units
(Annex 1, Appendix 7 of the UN Regulation No. 43.01)**

Principal characteristics:

Composition of Multiple-glazed units	: symmetrical/asymmetrical
Nominal thickness of the gap	: 22mm
Method of assembly	: adhesion
Type of each glazing component as defined in annexes 14:	: Rigid plastic panes (3mm outer and 2.5mm inner)

Documents attached:

~~One form for all panes of a symmetrical multiple-glazed unit in accordance with the annex under which the panes have been tested or approved.~~

One form for each different pane of an asymmetrical multiple-glazed unit in accordance with the annexes under which these panes have been tested or approved.

Remarks: Light transmittance $\leq 70\%$

Anhui Shengxuan Special Vehicle Parts Co., Ltd.

Information document No. 43-V-X/B-3+22+2.5mm-01

Application date: September 8, 2020
Page 3 of 4

**Principal and secondary characteristics of Rigid Plastics Panes
(Annex 1, Appendix 8 of the UN Regulation No. 43.01)**

Principal characteristics:

Chemical designation of the material	:	PMMA (polymethylmethacrylate)
The classification of the material by the manufacturer	:	MMA
Process of manufacture	:	Cast
Shape and dimension	:	Greatest developed area Flat and curved : 900 × 950mm Greatest height of segment : 22mm
Nominal thickness	:	3mm and 2.5mm
Colouring of the rigid plastic material	:	Grey
Nature and type of surface coating	:	Not applicable

Secondary characteristics

Conductors incorporated (yes/no)	:	Yes / no
Remarks	:	Not applicable

Documents attached: Appendix 1 – Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

Appendix 1

Drawing of the Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm)

Drawing of the Rigid Plastic Multiple Glazed Units (V-X/B 3+22+2.5mm), diagrams as following:

