



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF SAFETY GLAZING  
MATERIAL PURSUANT TO REGULATION NO. 43.01



Approval No: E11\*43R01/09\*7019\*03

1. Class of safety glazing material: X /C – Rigid plastic double glazed units
2. Description of the type of glazing: please refer to Appendix 8, and in the case of windscreens, the list conforming to Appendix 13.
3. Trade names or marks: Fiamma
4. Manufacturer's name and address:  
  
FIAMMA S.p.A.  
Via San Rocco, 56  
21010 Cardano al Campo (VA)  
ITALY
5. If applicable, name and address of manufacturer's representative:  
  
Not Applicable
6. Submitted for approval on: As before (from 25 March 2016 to 27 June 2016) and 29 April 2022
7. Technical service responsible for conducting approval tests: VCA Europe S.r.l.

8. Date of report issued by that service: As before (10 October 2017) and 07 July 2022
9. Number of report issued by that service: As before (MSS357766) and XSA002998
10. Approval is EXTENDED
11. Reason(s) for extension of approval: To cover:
- 1) Addition of alternative polymers
  - 2) Update of Information Document
12. Remarks: None
13. Place: BRISTOL
14. Date: 07 JULY 2022
15. Signature:



C McCABE  
Chief Technical and Statutory Operations Officer

16. The list of documents filed with the Type Approval Authority which has granted approval and available on request is annexed to this communication.

**Appendix 8**  
**Rigid plastic panes**

(Principal and secondary characteristics in accordance with Annex 14 to Regulation No. 43)

Approval No.: E11\*43R01/09\*7019\*03 Extension No. 03

**PRINCIPAL CHARACTERISTICS:**

Chemical designation of the material: Polycarbonate PC: CAS number 25037-45-0  
Polypropylene PP: CAS number 9003-07-0

The classification of the material by the manufacturer: Polycarbonate - Polypropylene

Process of manufacture: Injection moulding

Shape and dimensions: see drawing No. 01217M02, 07905-01, 01662-01 and 07329-01

Nominal thickness: 2.5 mm until 4.0 mm

Colouring of the rigid plastic material: White (polypropylene) and Crystal (polycarbonate)

Nature and type of surface coating: No coating

**SECONDARY CHARACTERISTICS**

Conductors incorporated (YES/NO): No

**REMARKS:**

None



**Vehicle  
Certification  
Agency**

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

APPROVAL NUMBER: E11\*43R01/09\*7019\*03

**INFORMATION PACKAGE CONTENTS**

**INDEX REVISION NUMBER: 03**

<b>Conformity of Production (COP) Declaration</b>	<b>COP Confirmed</b>
<b>Assessment Method</b>	<b>COP Audit</b>
<b>Date of Initial Clearance</b>	<b>October 2017</b>
<b>Date of Last Clearance</b>	<b>February 2022</b>

Total number of sheets: 104 (One-hundred and four)

Reasons for Revision: See approval certificate

Revision Date  
&  
Office Stamp

XSA002998

An executive agency of the Department for Transport  
July 2021 Revision 2  
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## INFORMATION DOCUMENT

Type: family OBLO'-R43

No. 12-2021 Rev. D

Date of issue : 29-03-2018

Date of last change : 06-05-2022

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<u>Sect.</u>	<u>Description</u>	<u>Page reference No.</u>	<u>Status</u>
1)	Family identification	from 3 to 3	updated
2)	Family identification table	from 4 to 5	updated
3)	Mechanical Drawing and Label identification	from 6 to 13	=
4)	Instruction for Use (E0_IS_98690-325_revA)	from 14 to 46	=
5)	Instruction for Use (E0_IS_98690-567_revL)	from 47 to 79	=
6)	Assembly Instruction (example of SFE018 Assembly Instruction)	from 80 to 93	=
7)	C7902A01B: Drawing 3D of the actual product	from 94 to 95	=
8)	07914x01y Rev.B: Drawing 3D of the actual plastic part	from 96 to 96	=
9)	08280x01y Rev.A: Drawing 3D of the new plastic part (Vers. 1)	from 97 to 97	=
10)	08281x01y Rev.A: Drawing 3D of the new plastic part (Vers. 2)	from 98 to 98	=
11)	Datasheet of Polycarbonate SABIN LEXAN™ LS1 resin	from 99 to 101	New
12)	Datasheet of Polypropylene SIRMAX ISOFIL® Code 141511	from 102 to 104	New





## Revision Index

Rev.	Issue date	Brief description
A	29 Mar. 2018	Initial issue
B	10 Aug. 2020	Reason(s) for Extension 01: <ul style="list-style-type: none"><li>• update of supplement level;</li><li>• add of new codes C7902-02-; C7902-02B-; C7902A02-; C7902A02B;</li><li>• update of the family table;</li><li>• update of the class "C" on the labelled approval number;</li><li>• change of the particular of a small part of the roof window, see drawings Code 08280x01y Rev.A and Ref. Code 08281x01y Rev.A</li></ul>
C	11 Feb. 2022	Reason(s) for Extension 02: <ul style="list-style-type: none"><li>• update of all models with new color RAL 9016 (std. RAL 9001): addition of new codes 04329B02-; C4329B02-; 04329B02D; C4329B02D; 03624F02-; 03624F02D; C3624G02-; 03624H02-; 03624H02D; 01668-02-; 01668-02D; 07380-02-; 07380-02B; 07902-02-; C7902-02-; C7902-02D; C7902B02D; C7902A02-; C7902A02D</li><li>• deletion of old codes C7902-02-; C7902A02-; C7902A02D</li><li>• update of layout of the family tables</li></ul>
D	06 May 2022	Reason(s) for Extension 03: <ul style="list-style-type: none"><li>• update of Information Document;</li><li>• add of alternative polymers:<ul style="list-style-type: none"><li>*Datasheet of Polycarbonate SABIN LEXAN LS1 resin</li><li>*Polypropylene SIRMAX ISOFIL® Code 141511</li></ul></li></ul> <p>Complete design and structure of this document changed to improve a most clear legibility of the add parts, upgraded and/or changed documents.</p>



## Sect.1 - FAMILY DESCRIPTION

Type:	family OBLO-R43
Manufacturer's name and address:	Fiamma S.p.A. Via San Rocco, 56 21010 Cardano al Campo (VA) ITALY
Name and address of assembly plant:	
Trade names or marks:	FIAMMA
Class of safety glazing material:	"X": Rigid plastic double glazed units "C": units located where there is no chance of head impact
Chemical designation of material:	Polycarbonate PC: CAS Number 25037-45-0 Polypropylene PP: CAS Number 9003-07-0
The classification of the material by the manufacturer:	Polycarbonate Polypropylene
Process of manufacture:	injection moulding
Nominal thickness:	2,5 mm for Vent F, Vent 28, Vent 28 F 2,5 mm for Turbo Vent 28 and Turbo Vent 28 F 4,0 mm for Vent and Vent 50 4,0 mm for Turbo Vent, Turbo Vent P3 and Turbo Vent Premium
Colouring of the rigid plastic material:	White (polypropylene) Crystal (polycarbonate)
Nature and type of surface coating:	No coating present



## Sect.2 - FAMILY IDENTIFICATION TABLE

<i>Code</i>	<i>Description</i>	<i>Cover Color</i>	<i>Body Color</i>	<i>Box</i>	<i>Cover material</i>	<i>Maker</i>
04328B01-	Vent White	White – RAL 9016	White – RAL 9001	Single	polypropylene	
04329B02-	Vent White	White – RAL 9016	White – RAL 9016	Single	polypropylene	
C4328B01-	Vent White – bulk	White – RAL 9016	White – RAL 9001	Multiple	polypropylene	
C4329B02-	Vent White – bulk	White – RAL 9016	White – RAL 9016	Multiple	polypropylene	
04328B01D	Vent Crystal	Crystal	White – RAL 9016	Single	polycarbonate	
04329B02D	Vent Crystal	Crystal	White – RAL 9016	Single	polypropylene	
C4328B01D	Vent Crystal – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate	
C4329B02D	Vent Crystal – bulk	Crystal	White – RAL 9016	Multiple	polypropylene	
03623F01-	Turbo Vent White	White – RAL 9016	White – RAL 9001	Single	polypropylene	
03624F02-	Turbo Vent White	White – RAL 9016	White – RAL 9016	Single	polypropylene	
03623F01B	Turbo Vent Crystal	Crystal	White – RAL 9001	Single	polycarbonate	
03624F02D	Turbo Vent Crystal	Crystal	White – RAL 9016	Single	polycarbonate	
C3623G01-	Turbo Vent P3 – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate	
C3624G02-	Turbo Vent P3 – bulk	Crystal	White – RAL 9016	Multiple	polycarbonate	
03623H01-	Turbo Vent Premium White	White – RAL 9016	White – RAL 9001	Single	polypropylene	
03624H02-	Turbo Vent Premium White	White – RAL 9016	White – RAL 9016	Single	polycarbonate	
03623H01B	Turbo Vent Premium Crystal	Crystal	White – RAL 9001	Single	polycarbonate	
03624H02D	Turbo Vent Premium Crystal	Crystal	White – RAL 9016	Single	polycarbonate	
01668-01-	Vent 50 White	White – RAL 9016	White – RAL 9001	Single	polypropylene	
01668-02-	Vent 50 White	White – RAL 9016	White – RAL 9016	Single	polypropylene	
01668-01D	Vent 50 Crystal	Crystal	White – RAL 9001	Single	polycarbonate	
01668-02D	Vent 50 Crystal	Crystal	White – RAL 9016	Single	polycarbonate	





Information Folder  
Type: Family OBLO'-R43  
Document number 12-2021 – Rev. D

07380-01-	Vent F Pro Crystal	Crystal	White - RAL 9001	Single	polycarbonate
07380-02-	Vent F Pro Crystal	Crystal	White - RAL 9016	Single	polycarbonate
07380-01B	Vent F Pro White	White – RAL 9016	White - RAL 9001	Single	polypropylene
07380-02B	Vent F Pro White	White – RAL 9016	White - RAL 9016	Single	polypropylene
04918-01-	Vent 28 White	White – RAL 9016	White – RAL 9001	Single	polypropylene
C4918-01-	Vent 28 White – bulk	White – RAL 9016	White – RAL 9001	Multiple	polypropylene
04918-01B	Vent 28 Crystal	Crystal	White – RAL 9001	Single	polycarbonate
C4918-01B	Vent 28 Crystal – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate
04919-01-	Turbo Vent 28 White	White – RAL 9016	White – RAL 9001	Single	polypropylene
C4919-01-	Turbo Vent 28 White – bulk	White – RAL 9016	White – RAL 9001	Multiple	polypropylene
04919-01B	Turbo Vent 28 Crystal	Crystal	White – RAL 9001	Single	polycarbonate
C04919-01B	Turbo Vent 28 Crystal – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate
07902-01-	Vent 28 F White	White – RAL 9016	White – RAL 9001	Single	polypropylene
07902-02-	Vent 28 F White	White – RAL 9016	White – RAL 9016	Single	polypropylene
07902-01B	Vent 28 F Crystal	Crystal	White – RAL 9001	Single	polycarbonate
07902-02D	Vent 28 F Crystal	Crystal	White – RAL 9016	Single	polycarbonate
C7902-01-	Vent 28 F White 28-50 – bulk	White – RAL 9016	White – RAL 9001	Multiple	polypropylene
C7902-02-	Vent 28 F White 28-50 – bulk	White – RAL 9016	White – RAL 9016	Multiple	polypropylene
C7902-01B	Vent 28 F Crystal 28-50 – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate
C7902-02D	Vent 28 F Crystal 28-50 – bulk	Crystal	White – RAL 9016	Multiple	polypropylene
C7902-02B	Vent 28 F Crystal 54-68 – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate
C7902B02D	Vent 28 F Crystal 54-68 – bulk	Crystal	White – RAL 9016	Multiple	polypropylene
C7902A01-	Turbo Vent 28 F White 28-50 – bulk	White – RAL 9016	White – RAL 9001	Multiple	polypropylene
C7902A02-	Turbo Vent 28 F White 28-50 – bulk	White – RAL 9016	White – RAL 9016	Multiple	polypropylene
C7902A01B	Turbo Vent 28 F Crystal 28-50 – bulk	Crystal	White – RAL 9001	Multiple	polycarbonate
C7902A02D	Turbo Vent 28 F Crystal 28-50 – bulk	Crystal	White – RAL 9016	Multiple	polypropylene

