



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING THE APPROVAL GRANTED⁽¹⁾/~~APPROVAL EXTENDED⁽⁴⁾/~~
~~APPROVAL REFUSED⁽⁴⁾/~~ ~~APPROVAL WITHDRAWN⁽⁴⁾/~~ ~~PRODUCTION DEFINITELY~~
~~DISCONTINUED⁽¹⁾~~ OF A COMPONENT TYPE PURSUANT TO REGULATION NO 118.02



Approval No: 118RII-021206

Extension No: Not applicable

Reason for extension: Not applicable



SECTION I

GENERAL

- 1.1. Make (trade name of manufacturer): Camira Fabrics Limited
- 1.2. Type: Vigor
- 1.3. Means of identification of type, if marked on the device^(b): Not applicable
 - 1.3.1. Location of that marking: Not applicable
- 1.4. Name and address of manufacturer:


Camira Transport Fabrics Limited
Meltham Mills
Meltham
West Yorkshire
HD9 4AY
United Kingdom
- 1.5. Location of the ECE approval mark: Manufacturers label

ESS377247

1.6. Address(es) of assembly plant(s):

UAB Camira Fabrics
Zemaiciu g 47
Ariogala
LT-60252 Raseiniu raj
Lithuania

SECTION II

1. Additional information (where applicable): See Appendix 1
 2. Technical service responsible for carrying out the tests: Vehicle Certification Agency
 3. Date of test report: 29 November 2016
 4. Number of test report: ESS377247
 5. Any remarks: Approval to Supplement 2
 6. Place: BRISTOL
 7. Date: 31 JULY 2017
 8. Signature:  D LAWLOR
Head of Technical Standards & Legislation
 9. The index to the information package lodged with the Type Approval Authority, which may be obtained on request, is attached.
- (1) Strike out what does not apply (there are cases where nothing needs to be deleted, when more than one entry is applicable)
- (b) If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered in this information document, such characters shall be represented in the documentation by the symbol "?" (e.g. ABC??123??)

APPENDIX

to type-approval communication form No. E11 118RII-021206

concerning the type-approval of a component type pursuant to Regulation No. 118.02

1. Additional information.
 - 1.1. Interior materials: Yes
 - 1.1.1. The direction which the component may be installed: ~~horizontal / vertical~~ / both horizontal and vertical direction(s).⁽¹⁾
 - 1.1.2. Fulfils the requirements in paragraph 6.2.2: ~~yes / not applicable~~⁽¹⁾
 - 1.1.3. Compliance has been checked for components approved as complete devices: ~~yes/no~~⁽¹⁾
 - 1.1.4. Any restrictions of use and installation requirements: Material prohibited from use within the engine compartment and any heating compartments
 - 1.2. Insulation materials: Not applicable
 - 1.2.1. The direction which the component may be installed: horizontal / vertical / both horizontal and vertical direction(s).⁽¹⁾ Not applicable
 - 1.2.2. Compliance has been checked for components approved as complete devices: ~~yes/no~~⁽¹⁾
Not applicable
 - 1.2.3. Any restrictions of use and installation requirements: Not applicable
 - 1.3. Electric cables: Not applicable
 - 1.3.1. Any restrictions of use and installation requirements: Not applicable
2. Remarks: Materials approval covers full colour spectrum

Camira Transport Fabrics Ltd Information Document for Wool Rich Moquette – Vigor

In accordance with paragraph 3.2. of the Regulation relating to the type approval of a component used in the interior compartment, the engine compartment and any separate heating compartment with regard to its burning behaviour and/or the capability to repel fuel or lubricant of insulation materials used in the engine compartment and any separate heating compartment

1. General

1.1 Make (trade name of manufacturer):

Camira Fabrics Ltd

1.2 Type and general commercial description(s):

Vigor

(Wool Rich Moquette)

All cut pile, face to face woven jacquard upholstery Moquette

Composition:

46% Wool
8% Nylon
33% Cotton
13% Fire Retardant Latex treatment

Weight: 964 g/sq m +/-5%

With “Defender” treatment

Composition:

46% Wool
8% Nylon
33% Cotton
13% Fire Retardant Latex treatment

Treatment: Defender – high performance repellency system with antibacterial and antifungal properties.

Weight: 964 g/sq m +/-5%

With “Rucoguard” treatment

Composition:

46% Wool
8% Nylon
33% Cotton
13% Fire Retardant Latex treatment

Treatment: Rucoguard – high performance repellency system with low effect on flammability.

Weight: 964 g/sq m +/-5%

1.3 Name and address of manufacturer:

Camira Transport Fabrics Ltd
Meltham Mills
Meltham
West Yorkshire
HD9 4AY

1.4 In the case of components and separate technical units, location and method of affixing of the approval mark:

Label attached to piece

1.5 Address(es) of assembly plant(s):

UAB Camira Fabrics
Zemaiciu g 47
Ariogala
LT-60252 Raseiniu raj
Lithuania

2. Interior materials

2.1 Material(s) intended for ~~horizontal~~ / ~~vertical~~ / horizontal and vertical installation

Material intended to be installed more than 500 mm above the seat cushion and/or in the roof of the vehicle: Yes / ~~not applicable~~

2.2 Base material(s)/designation:

Vigor + Fire retardant latex treatment
Vigor + Fire retardant latex treatment + "Defender"
Vigor + Fire retardant latex treatment + "Rucoguard"

(Wool Rich Moquette)

2.3 Composite/single material, number of layers:

single material, single layer

2.4 Type of coating:

Vigor - Fire Retardant Latex treatment
Vigor + "Defender" - Fire Retardant Latex treatment and high performance repellency system with antibacterial and antifungal properties.

Vigor + “Rucoguard” - Fire Retardant Latex treatment and high performance repellency system with low effect on flammability.

The processes above add a negligible thickness to the base fabric.

2.5 Minimum/maximum thickness:

Min 3.8mm/ Max = 4.8mm

2.6 Type approval number, if available:

3. Insulation materials

N/A

4. Electric cables

N/A

Additional information

Brief description:



Vigor is a wool rich moquette comprising of a wool/ nylon blend pile and cotton backing. The fabric is woven on a “double plush loom” where two pieces are woven together and the fabric is cut down the middle on exiting the loom. An example of the fabric is shown in the figure above.

The finishing process which involves steaming, brushing and cropping also includes the addition of a Fire Retardant Latex treatment enhancing the fabrics flammability properties.

Two separate additional treatments can also be provided:-

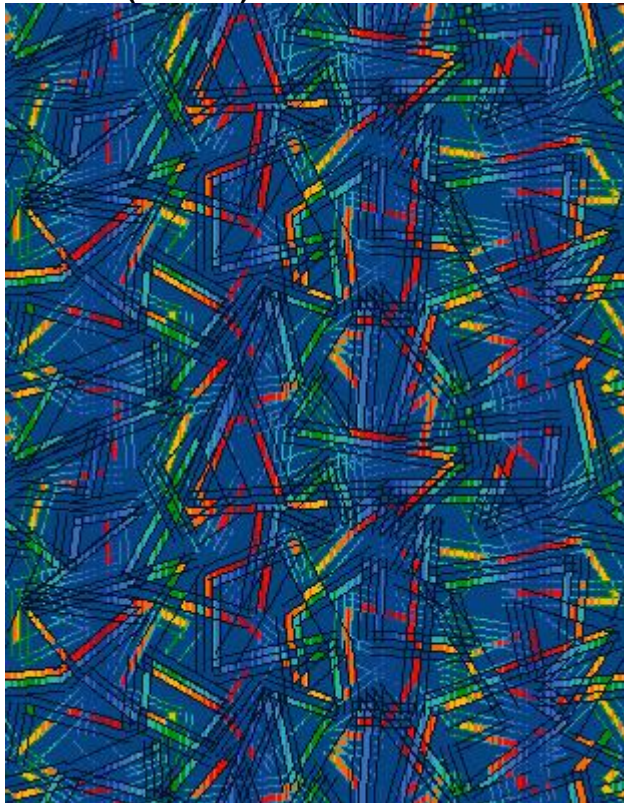
“**Defender**”, a high performance repellency system with antibacterial and antifungal properties.

“**Rucoguard**” a high performance repellency system with low effect on flammability. Each of the two additional treatments are added by passing the fabric through a solution of the required chemical followed by drying and curing.

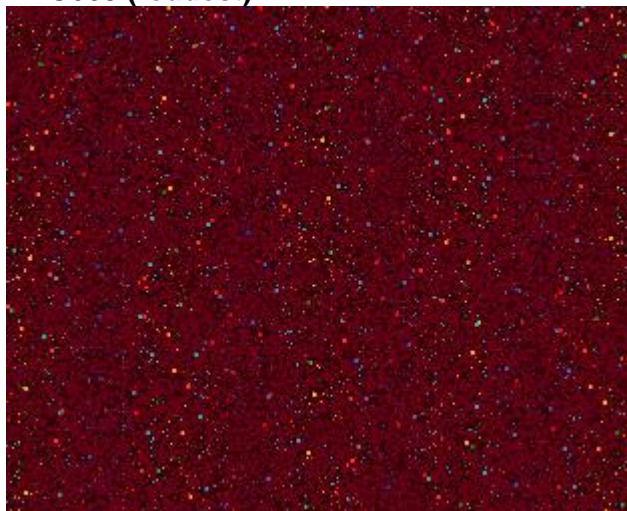
Fabric which is provided in roll form to specialist manufacturers, may be cut to shape and used within the automotive industry for Bus and Coach interior trim.

Fabric colours selected for approval testing are presented below:

BAA309 (darkest)



BAC668 (reddest)



BAC313 (lightest)



Worst case scenario

Camira Transport Fabrics Ltd supply materials with a range of treatments applied. In the materials base form it is supplied with a Fire Retardant Latex Treatment. It may then receive either an additional treatment of Rucoguard or Defender.

“Rucoguard” – Is a high performance repellence system with low effect on flammability.

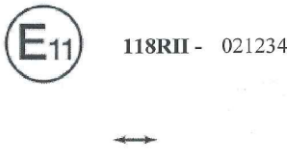
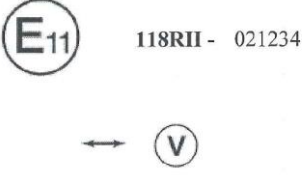
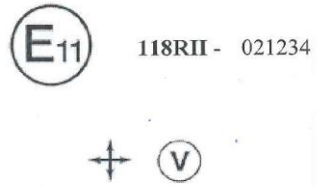
“Defender”- Is a high performance repellence system with antibacterial and antifungal properties.

Indicative tests will be carried out to identify the worse performing colour of the Base Material with Fire Retardant Latex Treatment. (Samples of the Darkest, Reddest and Lightest colour will be tested) If no individual colour is identified as a worse performing colour, then Red would be selected as the colour to carry out the full test on as it has the most pigmentation present in its construction.

Samples of the Darkest, Reddest and Lightest colours will be tested on the base material with “Fire Retardant Treatment” and the additional treatment “Rucoguard”. A full test will be performed on the worst performing colour.

Samples of the Darkest, Reddest and Lightest colours will be tested on the base material with "Fire Retardant Treatment" and the additional treatment "Defender". A full test will be performed on the worst performing colour.

Camira Fabrics Label (example):

Additional information - Labelling:		
Label description Horizontal only	Label description Horizontal and Melting	Label description Horizontal, Vertical and Melting
		

Example of how label would appear on fabric roll:

