

Directive 95/28/EC of the European Parliament and of the Council of 24 October 1995 relating to the burning behaviour of materials used in the interior construction of certain categories of motor vehicle (repealed)

- Article 1 For the purposes of this Directive: ‘vehicle’: means any vehicle...
Article 2 Member States may not refuse: EEC type-approval or national type-approval...
Article 3 (1) Member States shall adopt and publish the laws, regulations...
Article 4 This Directive is addressed to the Member States.

ANNEX I

SCOPE, DEFINITIONS, APPLICATION FOR EEC TYPE-APPROVAL, GRANTING OF EEC-TYPE-APPROVAL, SPECIFICATIONS, MODIFICATIONS OF THE TYPE, CONFORMITY OF PRODUCTION, REQUIREMENTS CONCERNING INSTALLATION IN THE VEHICLE

1. Scope
2. Definitions
 - 2.1. ‘Approval of a vehicle’ means the approval of a vehicle...
 - 2.2. ‘Vehicle type’ means vehicles which do not differ in such...
 - 2.2.1. The devices such as materials, seats, curtains, separation walls, etc....
 - 2.2.2. The mass of the devices used, in so far as...
 - 2.2.3. The optional arrangements or fittings in so far as they...
 - 2.3. ‘Approval of a component’ means an approval for devices, such...
 - 2.4. ‘Type of a component’ means components which do not differ...
 - 2.4.1. the base material(s) (e. g. wool, plastic, rubber, blended materials)...
 - 2.4.2. the intended use (seat upholstery, roof lining, etc.).
 - 2.4.3. the manufacturer's type designation.
 - 2.4.4. the number of layers in the case of composite materials...
 - 2.4.5. other characteristics in so far as they have an appreciable...
 - 2.5. ‘Passenger compartment’ means the space for occupant accommodation (including bar,...
 - 2.6. ‘Seat’ means a structure which may or may not be...
 - 2.7. ‘Group of seats’ means either a bench-type seat, or seats...
 - 2.8. ‘Bench seat’ means a structure complete with trim, intended to...
 - 2.9. ‘Burning rate’ means the quotient of the burnt distance measured...
 - 2.10. ‘Composite material’ means a material composed of several layers of...
 - 2.11. ‘Exposed face’ means the side of a material which is...
 - 2.12. ‘Upholstery’ means the combination of interior padding and surface finish...
 - 2.13. ‘Interior lining(s)’ means material(s) that (together) constitute(s) the surface finish...
3. Application for EEC vehicle type-approval
 - 3.1. The application for EEC type-approval pursuant to Article 3 (4)...
 - 3.2. A model of the information document is given in Annex...

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- 3.3. The following must be submitted to the technical service responsible...
 - 3.3.1. in the case of interior components without EEC type-approval: samples,...
 - 3.3.2. in the case of interior components already type-approved: the type...
 - 3.3.3. a vehicle representative of the type to be approved.
 4. Application for EEC component type-approval
 - 4.1. The application of EEC component type-approval pursuant to Article 3...
 - 4.2. A model for the information document is given in Annex...
 - 4.3. The following must be submitted to the technical service responsible...
 - 4.3.1. samples, the number of which is specified in items 7.2,...
 - 4.3.2. for devices such as seats, curtains, separation walls, etc., the...
 5. Granting of EEC type-approval
 - 5.1. If the relevant requirements are satisfied, EEC type-approval pursuant to...
 - 5.2. A model for the EEC type-approval certificate is given in:...
 - 5.2.1. Annex III, Appendix 1 for applications referred to in 3.1....
 - 5.2.2. Annex III, Appendix 2 for applications referred to in 4.1....
 - 5.3. An approval number in accordance with Annex VII to Directive...
 6. Marking
 - 6.1. Every component conforming to a type approved under this Directive...
 - 6.1.1. a rectangle surrounding the lower case letter 'e' followed by...
 - 6.1.2. in the vicinity of the rectangle:
 - 6.1.2.1. the base approval number contained in Section 4 of the...
 - 6.1.2.2. symbols indicating the direction for which the burning rate has...
 - 6.1.2.3. the symbol indicating that the component has been approved according...
 - 6.2. Where the seat has been approved as a component or...
 - 6.3. The mark must be affixed to the material in such...
 - 6.4. A model for the EEC component type-approval mark is shown...
 7. Specifications
 - 7.1. The interior materials of the passenger compartment used in the...
 - 7.2. From the following material(s) five samples in the case of...
 - 7.2.1. The result of the test shall be considered satisfactory if,...
 - 7.3. From the following material(s) four samples, for both faces (if...
 - 7.3.1. The result of the test shall be considered satisfactory if,...
 - 7.4. Three samples in the case of an isotropic material, or...
 - 7.4.1. The result of the test shall be considered satisfactory if,...
 - 7.5. Materials which are not required to undergo the tests described...
 - 7.5.1. parts made of metal or glass;
 - 7.5.2. each individual seat accessory with a mass of non-metallic material...
 - 7.5.3. elements of which the surface area or the volume does...
 - 7.5.3.1. 100 cm² or 40 cm³ for the elements which are connected to...
 - 7.5.3.2. 300 cm² or 120 cm³ per seat row and, at a maximum,...
 - 7.5.4. electric cables;
 - 7.5.5. elements for which it is not possible to extract a...
 8. Modification of the vehicle and material type and amendments to...
 - 8.1. In the case of modifications of the type approved pursuant...

9. Conformity of production
 - 9.1. Measures to ensure the conformity of production shall be taken...
10. Requirements concerning installation of materials and equipment in the vehicle...
 - 10.1. The materials and/or equipment used in the passenger compartment and/or...
 - 10.2. Such interior materials and/or equipment shall only be installed in...
 - 10.3. Any adhesive agent used to affix the interior material to...

Appendix

Model for the EEC component type-approval mark

The above component type-approval mark shows that the interior material...

The symbols and/or indicate an approval according to Annex V...

ANNEX II

INFORMATION DOCUMENTS

Appendix 1

Appendix 2

ANNEX III

EEC TYPE-APPROVAL CERTIFICATES

Appendix 1

Addendum

Appendix 2

Addendum

ANNEX IV

TEST TO DETERMINE THE HORIZONTAL BURNING RATE OF MATERIALS

1. Principle
2. Apparatus
 - 2.1. Combustion chamber (figure 1), preferably of stainless steel and having...
 - 2.2. Sample holder, consisting of two U-shaped metal plates or frames...
 - 2.3. Gas burner. The small ignition source is provided by a...
 - 2.4. Test gas. The gas supplied to the burner shall have...
 - 2.5. Metal comb, at least 110 mm in length, with seven to...
 - 2.6. Stop-watch, accurate to 0,5 seconds.
 - 2.7. Fume cupboard. The combustion chamber may be placed in a...
3. Samples

- 3.1. Shape and dimensions
 - 3.1.1. The shape and dimensions of samples are given in figure...
 - 3.1.2. If the shape and dimensions of a product do not...
 - 3.2. Sampling
 - 3.3. Conditioning
4. Procedure
 - 4.1. Place samples with napped or tufted surfaces on a flat...
 - 4.2. Place the sample in the sample holder (2.2) so that...
 - 4.3. Adjust the gas flame to a height of 38 mm using...
 - 4.4. Push the sample-holder into the combustion chamber so that the...
 - 4.5. The measurement of the burning time starts at the moment...
 - 4.6. Measurement of burning time is completed when the flame has...
 - 4.7. In so far as the sample does not ignite or...
 - 4.8. When running a series of tests or repeat tests, ensure...
 5. Calculation

ANNEX V

TEST TO DETERMINE THE MELTING BEHAVIOUR OF MATERIALS

1. Principle
2. Apparatus
 - 2.1. The source of heat is an electric radiator with a...
 - 2.2. Calibration
 - 2.2.1. Calibration check
 - 2.2.2. Calibration procedure
 - 2.3. The support for the samples shall be a metallic ring...
 - 2.4. The receptacle shall consist of a cylindrical tube with an...
 - 2.5. A vertical column shall support the items specified in paragraph...
3. Samples
4. Procedure
5. Results

ANNEX VI

TEST TO DETERMINE THE VERTICAL BURNING RATE OF MATERIALS

1. Principle
2. Apparatus
 - 2.1. The specimen holder shall consist of a rectangular frame 560 mm...
 - 2.2. The burner is described in figure 3.
 - 2.3. The test apparatus may be placed in a fume cupboard...
 - 2.4. A flat rigid template made of suitable material and of...
3. Samples

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- 3.1. The samples dimensions are: 560 x 170 mm.
 - 3.2. The samples shall be conditioned for at least 24 hours...
4. Procedure
- 4.1. The test shall be carried out in an atmosphere having...
 - 4.2. The burner shall be preheated for 2 minutes. The flame...
 - 4.3. The specimen shall be placed on the pins of the...
 - 4.4. The marker threads shall be attached horizontally in front of...
 - 4.5. The flame shall be applied to the specimen for 5...
 - 4.6. If any result in any set of three specimens exceeds...
 - 4.7. The following times, in seconds, shall be measured:
5. Results

Specimen holder
(Dimensions in millimetres)

Burner ignition location

Gas burner
(Dimensions in millimetres)

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- (1) OJ No C 154, 19. 6. 1992, p. 4.
- (2) OJ No C 332, 16. 12. 1992, p. 12.
- (3) Opinion of the European Parliament of 29 October 1992 (OJ No C 305, 23. 11. 1992, p. 109), Council common position of 8 December 1994 (OJ No C 384, 31. 12. 1994, p. 1) and Decision of the European Parliament of 15 June 1995 (OJ No C 166, 3. 7. 1995).
- (4) OJ No L 42, 23. 2. 1970, p. 1. Directive as last amended by Commission Directive 93/81/EEC (OJ No L 264, 23. 10. 1993, p. 49).
- (5) OJ No L 267, 19. 10. 1977, p. 1. Directive last amended by Commission Directive 90/630/EEC (OJ No L 341, 6. 12. 1990, p. 20).