

Commission Decision of 15 May 2007 amending Decision 2003/43/EC establishing the classes of reaction-to-fire performance for certain construction products as regards wood-based panels (notified under document number C(2007) 2045) (Text with EEA relevance) (2007/348/EC)

COMMISSION DECISION

of 15 May 2007

amending Decision 2003/43/EC establishing the classes of reaction-to-fire performance for certain construction products as regards wood-based panels

(notified under document number C(2007) 2045)

(Text with EEA relevance)

(2007/348/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products<sup>(1)</sup>, and in particular Article 20(2) a thereof,

Whereas:

- (1) Commission Decision 2003/43/EC<sup>(2)</sup> establishes classes of reaction-to-fire performance for certain construction products.
- (2) Decision 2003/43/EC needs to be further adapted to take account of technical progress regarding wood-based panels.
- (3) Decision 2003/43/EC should therefore be amended accordingly.
- (4) The measures provided for in this Decision are in accordance with the opinion of the Standing Committee on Construction,

HAS ADOPTED THIS DECISION:

*Article 1*

The Annex to Decision 2003/43/EC is amended as set out in the Annex to this Decision.

*Article 2*

This Decision is addressed to the Member States.

**Changes to legislation:** There are currently no known outstanding effects for the Commission Decision of 15 May 2007 amending Decision 2003/43/EC establishing the classes of reaction-to-fire performance for certain construction products as regards wood-based panels (notified under document number C(2007) 2045) (Text with EEA relevance) (2007/348/EC). (See end of Document for details)

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Done at Brussels, 15 May 2007.

*For the Commission*  
Günter VERHEUGEN  
*Vice-President*

**Changes to legislation:** There are currently no known outstanding effects for the Commission Decision of 15 May 2007 amending Decision 2003/43/EC establishing the classes of reaction-to-fire performance for certain construction products as regards wood-based panels (notified under document number C(2007) 2045) (Text with EEA relevance) (2007/348/EC). (See end of Document for details)

## ANNEX

In the Annex to Decision 2003/43/EC, Table 1 is replaced by the following:

TABLE 1

Classes of reaction to fire performance for wood-based panels

Product	EN product standard	End use condition <sup>f</sup>	Minimum density(kg/m <sup>3</sup> )	Minimum thickness(mm)	Class <sup>g</sup> (excluding floorings)	Class <sup>h</sup> (floorings)
Cement-bonded particleboard <sup>a</sup>	EN 634-2	without an air gap behind the panel	1 000	10	B-s1, d0	B <sub>fl</sub> -s1
Fibreboard, hard <sup>a</sup>	EN 622-2	without an air gap behind the wood-based panel	900	6	D-s2, d0	D <sub>fl</sub> -s1
Fibreboard, hard <sup>c</sup>	EN 622-2	with a closed air gap not more than 22 mm behind the wood-based panel	900	6	D-s2, d2	—
Particleboard <sup>d, e</sup>	EN 312	without an air gap behind the wood-based panel	600	9	D-s2, d0	D <sub>fl</sub> -s1
Fibreboard, hard and medium <sup>a, b, e</sup>	EN 622-2 EN 622-3					
MDF <sup>a, b, e</sup>	EN 622-5					
MDF <sup>a, b, e</sup>	EN 300					

<sup>a</sup> Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10 kg/m<sup>3</sup> or at least class D-s2, d2 products with minimum density 400 kg/m<sup>3</sup>.

<sup>b</sup> A substrate of cellulose insulation material of at least class E may be included if mounted directly against the wood-based panel, but not for floorings.

<sup>c</sup> Mounted with an air gap behind. The reverse face of the cavity shall be at least class A2-s1, d0 products with minimum density 10 kg/m<sup>3</sup>.

<sup>d</sup> Mounted with an air gap behind. The reverse face of the cavity shall be at least class D-s2, d2 products with minimum density 400 kg/m<sup>3</sup>.

<sup>e</sup> Veneered, phenol- and melamine-faced panels are included for class excl. floorings.

<sup>f</sup> A vapour barrier with a thickness up to 0,4 mm and a mass up to 200 g/m<sup>2</sup> can be mounted in between the wood-based panel and a substrate if there are no air gaps in between.

<sup>g</sup> Class as provided for in Table 1 of the Annex to Decision 2000/147/EC.

<sup>h</sup> Class as provided for in Table 2 of the Annex to Decision 2000/147/EC.

**Changes to legislation:** There are currently no known outstanding effects for the Commission Decision of 15 May 2007 amending Decision 2003/43/EC establishing the classes of reaction-to-fire performance for certain construction products as regards wood-based panels (notified under document number C(2007) 2045) (Text with EEA relevance) (2007/348/EC). (See end of Document for details)

Plywood <sup>a, b, e</sup>	EN 636	-“-	400	9	D-s2, d0	D <sub>fl</sub> -s1
Solid wood panel <sup>a, b, e</sup>	EN 13353			12		
Flaxboard <sup>a, b, e</sup>	EN 15197	-“-	450	15	D-s2, d0	D <sub>fl</sub> -s1
Particleboard <sup>d</sup>	EN 312	with a closed or an open air gap not more than 22 mm behind the wood-based panel	600	9	D-s2, d2	—
Fibreboard, hard and medium <sup>c, e</sup>	EN 622-2 EN 622-3					
MDF <sup>c, e</sup>	EN 622-5					
OSB <sup>c, e</sup>	EN 300					
Plywood <sup>c, e</sup>	EN 636	-“-	400	9	D-s2, d2	—
Solid wood panel <sup>c, e</sup>	EN 13353			12		
Particleboard <sup>d</sup>	EN 312	with a closed air gap behind the wood-based panel	600	15	D-s2, d0	D <sub>fl</sub> -s1
Fibreboard, medium <sup>d, e</sup>	EN 622-3					
MDF <sup>d, e</sup>	EN 622-5					
OSB <sup>d, e</sup>	EN 300					
Plywood <sup>d, e</sup>	EN 636	-“-	400	15	D-s2, d1	D <sub>fl</sub> -s1
Solid wood panel <sup>d, e</sup>	EN 13353				D-s2, d0	
Flaxboard <sup>d, e</sup>	EN 15197	-“-	450	15	D-s2, d0	D <sub>fl</sub> -s1
Particleboard <sup>d</sup>	EN 312	with an open air gap behind	600	18	D-s2, d0	D <sub>fl</sub> -s1
Fibreboard, medium <sup>d, e</sup>	EN 622-3					

**a** Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10 kg/m<sup>3</sup> or at least class D-s2, d2 products with minimum density 400 kg/m<sup>3</sup>.

**b** A substrate of cellulose insulation material of at least class E may be included if mounted directly against the wood-based panel, but not for floorings.

**c** Mounted with an air gap behind. The reverse face of the cavity shall be at least class A2-s1, d0 products with minimum density 10 kg/m<sup>3</sup>.

**d** Mounted with an air gap behind. The reverse face of the cavity shall be at least class D-s2, d2 products with minimum density 400 kg/m<sup>3</sup>.

**e** Veneered, phenol- and melamine-faced panels are included for class excl. floorings.

**f** A vapour barrier with a thickness up to 0,4 mm and a mass up to 200 g/m<sup>2</sup> can be mounted in between the wood-based panel and a substrate if there are no air gaps in between.

**g** Class as provided for in Table 1 of the Annex to Decision 2000/147/EC.

**h** Class as provided for in Table 2 of the Annex to Decision 2000/147/EC.

**Changes to legislation:** There are currently no known outstanding effects for the Commission Decision of 15 May 2007 amending Decision 2003/43/EC establishing the classes of reaction-to-fire performance for certain construction products as regards wood-based panels (notified under document number C(2007) 2045) (Text with EEA relevance) (2007/348/EC). (See end of Document for details)

MDF <sup>d, e</sup>	EN 622-5	the wood-based panel				
OSB <sup>d, e</sup>	EN 300					
Plywood <sup>d, e</sup>	EN 636	-	400	18	D-s2, d0	D <sub>fl</sub> -s1
Solid wood panel <sup>d, e</sup>	EN 13353					
Flaxboard <sup>d, e</sup>	EN 15197	-	450	18	D-s2, d0	D <sub>fl</sub> -s1
Particleboard	EN 312	any	600	3	E	E <sub>fl</sub>
OSB <sup>c</sup>	EN 300					
MDF <sup>e</sup>	EN 622-5	-	400	3	E	E <sub>fl</sub>
			250	9	E	E <sub>fl</sub>
Plywood <sup>e</sup>	EN 636	-	400	3	E	E <sub>fl</sub>
Fibreboard, hard <sup>e</sup>	EN 622-2	-	900	3	E	E <sub>fl</sub>
Fibreboard, medium <sup>e</sup>	EN 622-3	-	400	9	E	E <sub>fl</sub>
Fibreboard, soft	EN 622-4	-	250	9	E	E <sub>fl</sub>

**a** Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10 kg/m<sup>3</sup> or at least class D-s2, d2 products with minimum density 400 kg/m<sup>3</sup>.

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- (1) OJ L 40, 11.2.1989, p. 12. Directive as last amended by Commission Decision 2006/190/EC (OJ L 66, 8.3.2006, p. 47).
- (2) OJ L 13, 18.1.2003, p. 35. Decision as last amended by Decision 2006/673/EC (OJ L 276, 7.10.2006, p. 77).

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