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[(1)], and in particular Article 20(2) a thereof,

Whereas:

(1) Commission Decision 2003/43/EC[(2)] 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.

Done at Brussels, 15 May 2007.

For the Commission

Günter VERHEUGEN

Vice-President

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[f]	Minimum density(kg/m^3)	Minimum thickness(mm)	Class[g](excluding floorings)	Class[h](floorings)
Cement-bonded particleboard[a]	EN 634-2	without an air gap behind the panel	1 000	10	B-s1, d0	B_{fl}-s1
Fibreboard, hard[a]	EN 622-2	without an air gap behind the wood-based panel	900	6	D-s2, d0	D_{fl}-s1
Fibreboard, hard[c]	EN 622-2	with a closed air gap not more than 22 mm behind the wood-based panel	900	6	D-s2, d2	—
Particleboard[a],[b],[e]	EN 312	without an air gap behind the wood-based panel	600	9	D-s2, d0	D_{fl}-s1
Fibreboard, hard and medium[a],[b],[e]	EN 622-2 EN 622-3					
MDF[a],[b],[e]	EN 622-5					
MDF[a],[b],[e]	EN 300					

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

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^3.

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^3.

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^2 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.

Plywood[a, b, e]	EN 636	-"-	400	9	D-s2, d0	D_{fl}-s1
Solid wood panel[a, b, e]	EN 13353			12		
Flaxboard[a, b, e]	EN 15197	-"-	450	15	D-s2, d0	D_{fl}-s1
Particleboard[c, e]	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[c, e]	EN 622-2 EN 622-3					
MDF[c, e]	EN 622-5					
OSB[c, e]	EN 300					
Plywood[c, e]	EN 636	-"-	400	9	D-s2, d2	—
Solid wood panel[c, e]	EN 13353			12		
Particleboard[d, e]	EN 312	with a closed air gap behind the wood-based panel	600	15	D-s2, d0	D_{fl}-s1
Fibreboard, medium[d, e]	EN 622-3					
MDF[d, e]	EN 622-5					
OSB[d, e]	EN 300					
Plywood[d, e]	EN 636	-"-	400	15	D-s2, d1	D_{fl}-s1
Solid wood panel[d, e]	EN 13353				D-s2, d0	
Flaxboard[d, e]	EN 15197	-"-	450	15	D-s2, d0	D_{fl}-s1
Particleboard[d, e]	EN 312	with an open air gap behind	600	18	D-s2, d0	D_{fl}-s1
Fibreboard, medium[d, e]	EN 622-3					

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

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^3.

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^3.

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^2 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.

MDF[d, e]	EN 622-5	the wood-based panel				
OSB[d, e]	EN 300					
Plywood[d, e]	EN 636	-“-	400	18	D-s2, d0	D_{fl}-s1
Solid wood panel[d, e]	EN 13353					
Flaxboard[d, e]	EN 15197	-“-	450	18	D-s2, d0	D_{fl}-s1
Particleboard[e]	EN 312	any	600	3	E	E_{fl}
OSB[e]	EN 300					
MDF[e]	EN 622-5	-“-	400	3	E	E_{fl}
			250	9	E	E_{fl}
Plywood[e]	EN 636	-“-	400	3	E	E_{fl}
Fibreboard, hard[e]	EN 622-2	-“-	900	3	E	E_{fl}
Fibreboard, medium[e]	EN 622-3	-“-	400	9	E	E_{fl}
Fibreboard, soft	EN 622-4	-“-	250	9	E	E_{fl}

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

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^3.

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^3.

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^2 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.

(**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).