

II

(Acts adopted under the EC Treaty/Euratom Treaty whose publication is not obligatory)

DECISIONS

COMMISSION

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

⁽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).

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 ⁽⁶⁾	Minimum density (kg/m ³)	Minimum thickness (mm)	Class ⁽⁷⁾ (excluding floorings)	Class ⁽⁸⁾ (floorings)
Cement-bonded particleboard ⁽¹⁾	EN 634-2	without an air gap behind the panel	1 000	10	B-s1, d0	B _{fl} -s1
Fibreboard, hard ⁽¹⁾	EN 622-2	without an air gap behind the wood-based panel	900	6	D-s2, d0	D _{fl} -s1
Fibreboard, hard ⁽²⁾	EN 622-2	with a closed air gap not more than 22 mm behind the wood-based panel	900	6	D-s2, d2	—
Particleboard ^{(1), (2), (5)}	EN 312	without an air gap behind the wood-based panel	600	9	D-s2, d0	D _{fl} -s1
Fibreboard, hard and medium ^{(1), (2), (5)}	EN 622-2 EN 622-3					
MDF ^{(1), (2), (5)}	EN 622-5					
MDF ^{(1), (2), (5)}	EN 300					
Plywood ^{(1), (2), (5)}	EN 636	"-	400	9	D-s2, d0	D _{fl} -s1
Solid wood panel ^{(1), (2), (5)}	EN 13353			12		
Flaxboard ^{(1), (2), (5)}	EN 15197	"-	450	15	D-s2, d0	D _{fl} -s1
Particleboard ^{(3), (5)}	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 ^{(3), (5)}	EN 622-2 EN 622-3					
MDF ^{(3), (5)}	EN 622-5					
OSB ^{(3), (5)}	EN 300					
Plywood ^{(3), (5)}	EN 636	"-	400	9	D-s2, d2	—
Solid wood panel ^{(3), (5)}	EN 13353			12		
Particleboard ^{(4), (5)}	EN 312	with a closed air gap behind the wood-based panel	600	15	D-s2, d0	D _{fl} -s1
Fibreboard, medium ^{(4), (5)}	EN 622-3					
MDF ^{(4), (5)}	EN 622-5					
OSB ^{(4), (5)}	EN 300					
Plywood ^{(4), (5)}	EN 636	"-	400	15	D-s2, d1	D _{fl} -s1
Solid wood panel ^{(4), (5)}	EN 13353				D-s2, d0	
Flaxboard ^{(4), (5)}	EN 15197	"-	450	15	D-s2, d0	D _{fl} -s1

Product	EN product standard	End use condition ⁽⁶⁾	Minimum density (kg/m ³)	Minimum thickness (mm)	Class ⁽⁷⁾ (excluding floorings)	Class ⁽⁸⁾ (floorings)
Particleboard ⁽⁴⁾ , ⁽⁵⁾	EN 312	with an open air gap behind the wood-based panel	600	18	D-s2, d0	D _{fl} -s1
Fibreboard, medium ⁽⁴⁾ , ⁽⁵⁾	EN 622-3					
MDF ⁽⁴⁾ , ⁽⁵⁾	EN 622-5					
OSB ⁽⁴⁾ , ⁽⁵⁾	EN 300					
Plywood ⁽⁴⁾ , ⁽⁵⁾	EN 636	-"	400	18	D-s2, d0	D _{fl} -s1
Solid wood panel ⁽⁴⁾ , ⁽⁵⁾	EN 13353	-"	450	18	D-s2, d0	D _{fl} -s1
Particleboard ⁽⁵⁾	EN 312	any	600	3	E	E _{fl}
OSB ⁽⁵⁾	EN 300					
MDF ⁽⁵⁾	EN 622-5	-"	400	3	E	E _{fl}
			250	9	E	E _{fl}
Plywood ⁽⁵⁾	EN 636	-"	400	3	E	E _{fl}
Fibreboard, hard ⁽⁵⁾	EN 622-2	-"	900	3	E	E _{fl}
Fibreboard, medium ⁽⁵⁾	EN 622-3	-"	400	9	E	E _{fl}
Fibreboard, soft	EN 622-4	-"	250	9	E	E _{fl}

⁽¹⁾ Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10 kg/m³ or at least class D-s2, d2 products with minimum density 400 kg/m³.

⁽²⁾ 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.

⁽³⁾ 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/m³.

⁽⁴⁾ 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/m³.

⁽⁵⁾ Veneered, phenol- and melamine-faced panels are included for class excl. floorings.

⁽⁶⁾ A vapour barrier with a thickness up to 0,4 mm and a mass up to 200 g/m² can be mounted in between the wood-based panel and a substrate if there are no air gaps in between.

⁽⁷⁾ Class as provided for in Table 1 of the Annex to Decision 2000/147/EC.

⁽⁸⁾ Class as provided for in Table 2 of the Annex to Decision 2000/147/EC.