

## 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<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.

Done at Brussels, 15 May 2007.

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

<sup>(1)</sup> 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).

<sup>(2)</sup> 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 <sup>(6)</sup>	Minimum density (kg/m <sup>3</sup> )	Minimum thickness (mm)	Class <sup>(7)</sup> (excluding floorings)	Class <sup>(8)</sup> (floorings)
Cement-bonded particleboard <sup>(1)</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>(1)</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>(2)</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>(1), (2), (5)</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>(1), (2), (5)</sup>	EN 622-2 EN 622-3					
MDF <sup>(1), (2), (5)</sup>	EN 622-5					
MDF <sup>(1), (2), (5)</sup>	EN 300					
Plywood <sup>(1), (2), (5)</sup>	EN 636	"-	400	9	D-s2, d0	D <sub>fl</sub> -s1
Solid wood panel <sup>(1), (2), (5)</sup>	EN 13353			12		
Flaxboard <sup>(1), (2), (5)</sup>	EN 15197	"-	450	15	D-s2, d0	D <sub>fl</sub> -s1
Particleboard <sup>(3), (5)</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>(3), (5)</sup>	EN 622-2 EN 622-3					
MDF <sup>(3), (5)</sup>	EN 622-5					
OSB <sup>(3), (5)</sup>	EN 300					
Plywood <sup>(3), (5)</sup>	EN 636	"-	400	9	D-s2, d2	—
Solid wood panel <sup>(3), (5)</sup>	EN 13353			12		
Particleboard <sup>(4), (5)</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>(4), (5)</sup>	EN 622-3					
MDF <sup>(4), (5)</sup>	EN 622-5					
OSB <sup>(4), (5)</sup>	EN 300					
Plywood <sup>(4), (5)</sup>	EN 636	"-	400	15	D-s2, d1	D <sub>fl</sub> -s1
Solid wood panel <sup>(4), (5)</sup>	EN 13353				D-s2, d0	
Flaxboard <sup>(4), (5)</sup>	EN 15197	"-	450	15	D-s2, d0	D <sub>fl</sub> -s1

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

<sup>(1)</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>(2)</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>(3)</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>(4)</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>(5)</sup> Veneered, phenol- and melamine-faced panels are included for class excl. floorings.

<sup>(6)</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>(7)</sup> Class as provided for in Table 1 of the Annex to Decision 2000/147/EC.

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