



(EN) DECLARATION OF PERFORMANCE

DOP_3663602840022-CE

EN - Unique identification code of the product-type : 3663602840022

EN - Intended use: MDF 18 X 405 X 810MM

Kingfisher International Products B.V., Rapenburgerstraat 175E, 1011 VM Amsterdam, The Netherlands

EN - System(s) of assessment and verification of constancy of performance: System 4

EN - Harmonized standard: EN 13986:2004 + A1 2015

EN - Declared performance/s:

Declared performance: (covering a range of product - types L.MDF 6 mm to >45 mm*)

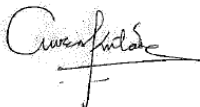
Performance						
Thickness(mm)						
Essential characteristics	>6 to 9	>9 to 12	>12 to 19	>19 to 30	>30 to 45	>45
¹ Water vapour permeability μ	NPD	NPD	NPD	NPD	NPD	NPD
Release of formaldehyde (class E1 or E2)	E1	E1	E1	E1	E1	E1
Release (content) of pentachlorophenol (PCP)	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm	≤ 5 ppm
² Airborne sound insulation (surface mass) R (dB)	NPD	NPD	NPD	NPD	NPD	NPD
³ Sound absorption factor Frequency range 250Hz to 500Hz (α)	0.1	0.1	0.1	0.1	0.1	0.1
³ Sound absorption factor Frequency range 1000Hz to 2000Hz (α)	NPD	NPD	NPD	NPD	NPD	NPD
⁴ Thermal conductivity λ (W/mK)	NPD	NPD	NPD	NPD	NPD	NPD
Air permeability V_0 (m^2/h)	NPD	NPD	NPD	NPD	NPD	NPD
Durability						
Internal bond (N/mm^2)	0.45	0.45	0.45	0.45	0.40	0.40
Swelling in thickness 24 h (%)	20	16	14	12	11	11
Bending Strength (N/mm^2)	20	20	18	15	14	14
Modulus of elasticity in bending (N/mm^2)	1700	1700	1600	1500	1400	1200
Biological	Use class 1					

		Minimum thickness	Class (excluding floorings) ^g	Class (Flooring) ^h
5Reaction to fire (see notes to table for field of application details and associated documentation references)	Without an air gap behind the panel ^{abef}	9	D-s2,d0	D _{fl} ,s1
	With a closed or open air gap ≤ 22mm behind the panel ^{cef}	9	D-s2,d2	-
	Closed air gap behind the panel ^{def}	15	D-s2,d0	D _{fl} ,s1
	With an open air gap behind the panel ^{def}	18	D-s2,d0	D _{fl} ,s1
	Any end use ^{ef}	3	E	E _{fl}
	a Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10kg/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 Provided for in Table 1 of the Annex to decision 2000/147/EC h Class Provided for in Table 2 of the Annex to decision 2000/147/EC			
NOTES TO TABLE 1 Taken from Table 9 of EN 13986:2004+A1 2 Calculated according to clause 5.10 of EN 13986:2004+A1 3 Taken from Table 10 of EN 13986:2004+A1 4 Taken from Table 11 of EN 13986:2004+A1 5 reaction to fire classes from Table 1 of Commission Decision 2003/43/EC of January 2003 (OJEU L13 of 18.1.2003) corrected by Corrigendum (OJEU L33 of 8.2.2003) and amended by Commission decision 2007/348/EC of May 2007 (OJEU L131 of 23-05-2007); also reproduced in Table 8 of EN 13986:2004+A1:2015 for wood-based panels installed according to CEN/TR 12872				

EN - The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of/Signé par et au nom de/Podpisano przez lub w imieniu/ Semnat pentru și în numele / adina ve adina imzalandi / Firmado por y en nombre de/ Assinado por e em nome de:

Kingfisher International Products B.V.,
Rapenburgerstraat 175E,
1011 VM Amsterdam,
The Netherlands



David Awe
 Group Quality Director

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