(UK) DECLARATION OF PERFORMACE

DOP_3663602839736-UKCA

Unique Identification code of the product type – 3663602839736

Product name – MDF 12 X 607 X 1830MM

Intended use: Constructive panel

Manufacturer:

Kingfisher International Products Limited
1 Paddington Square
London
W2 1GG
United Kingdom

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

EN & BSEN 13986:2004 + A1 2015

Declared Performance

Declared performance: (**covering a range of product - types MDF 1.8 mm to >45 mm***)

Essential characteristics	**Performance**								
	Thickness(mm)								
	1.8 to 2.5	>2.5 to 4	>4 to 6	>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	NPD	NPD	NPD
Release of formaldehyde (class E1 or E2)	E1	E1	E1	E1	E1	E1	E1	E1	E1
Release (content) of pentachlorophenol (PCP)	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm
[2]**Airborne sound insulation (surface mass) R (dB)**	NPD	NPD	NPD	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	0.1	0.1	0.1
[3]**Sound absorption factor** Frequency range 1000Hz to 2000Hz **(α)**	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
[4]**Thermal conductivity λ (W/mK)**	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Air permeability V_0 (m^3/h)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
Durability									
Internal bond (N/mm^2)	0.65	0.65	0.65	0.65	0.60	0.55	0.55	0.50	0.50
Swelling in thickness 24 h (%)	45	35	30	17	15	12	10	8	6
Bending Strength (N/mm2)	23	23	23	23	22	20	18	17	15
Modulus of elasticity in bending (N/mm2)	-	-	2700	2700	2500	2200	2100	1900	1700
Biological	**Use class 1**								

		Minimum thickness	Class (excluding floorings)[g]	Class (Flooring)[h]
[5]Reaction 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/m³ or at least class D-s2, d2 products with minimum density 400 kg/m³.

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/m³.

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/m³.

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/m² 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

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 The Construction Products (Amendment etc.) (EU Exit) Regulations 2019, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of:
Kingfisher International Products Limited
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David Awe
Group Quality Director

Date of issue: 06/01/2025