



**(UK) DECLARATION OF PERFORMANCE**

DOP\_3663602839804-UKCA

Unique Identification code of the product type – 3663602839804

Product name – MDF 6 X 607 X 1220MM

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	
<sup>1</sup> Water vapour permeability $\mu$	NPD	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	E1
Release (content) of pentachlorophenol (PCP)	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm
<sup>2</sup> Airborne sound insulation (surface mass) R (dB)	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
<sup>3</sup> Sound absorption factor Frequency range 250Hz to 500Hz ( $\alpha$ )	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<sup>3</sup> Sound absorption factor Frequency range 1000Hz to 2000Hz ( $\alpha$ )	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
<sup>4</sup> Thermal conductivity $\lambda$ (W/mK)	NPD	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	NPD
Durability										
Internal bond (N/mm <sup>2</sup> )	0.65	0.65	0.65	0.65	0.60	0.55	0.55	0.50	0.50	0.50
Swelling in thickness 24 h (%)	45	35	30	17	15	12	10	8	6	6
Bending Strength (N/mm <sup>2</sup> )	23	23	23	23	22	20	18	17	15	15
Modulus of elasticity in bending (N/mm <sup>2</sup> )	-	-	2700	2700	2500	2200	2100	1900	1700	1700
Biological	Use class 1									

	Minimum thickness	Class (excluding floorings) <sup>g</sup>	Class (Flooring) <sup>h</sup>
Without an air gap behind the panel <sup>abef</sup>	9	D-s2,d0	D <sub>fl</sub> s1
With a closed or open			

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  
1 Paddington Square  
London  
W2 1GG  
United Kingdom



David Awe  
Group Quality Director

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