

<b>Document</b>	<b>KC/QUAL/DOC/0053</b>	
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## DECLARATION OF PERFORMANCE

1. Product-type:

**EN 622-5 Moisture Resistant MDF**

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Internal use as a non structural component in humid conditions**

3. Name and contact address of the manufacturer :

Kronospan Limited  
Holyhead Road  
Chirk  
Wrexham  
LL14 5NT

4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of the CPR:

**System 4**


5. Declared performance

Essential characteristics	Performance									Harmonised technical specification
	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	
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	EN 13986:2004
Internal Bond (N/mm <sup>2</sup> )	0.7	0.7	0.7	0.8	0.8	0.75	0.75	0.7	0.6	
Bending Strength (N/mm <sup>2</sup> )	27	27	27	27	26	24	22	17	15	
Swelling in thickness 24 h (%)	35	30	18	12	10	8	7	7	6	
Internal bond after cyclic testing (N/mm <sup>2</sup> )	0.35	0.35	0.35	0.30	0.25	0.2	0.15	0.1	0.1	
Swelling in thickness after cyclic testing (%)	50	40	25	19	16	15	15	15	15	
Release of formaldehyde	E1	E1	E1	E1	E1	E1	E1	E1	E1	
Reaction to fire	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Water vapour permeability	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Airborne sound insulation	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Sound absorption	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Thermal conductivity	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	
Biological durability	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	Class 1	
Content of pentachlorophenol	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	≤5ppm	

The performance of the product identified in points 1 is in conformity with the declared performance in point 5.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:



Dr Harry Earl, Technical Manager

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