

DECLARATION OF PERFORMANCE No. 1607101007

1. Unique identification code of the product-type:

Kronogen

2. Intended use or uses of the construction product:

**For internal use as a non structural component in dry conditions
 (L.MDF acc. EN 622-5 is light MDF, non load-bearing board for use in dry conditions)**

3. Manufacturer:

**KRONOSPAN Luxembourg S.A.
 B.P. 109
 4902 Sanem
 Luxembourg**

4. System of assessment and verification of constancy of performance:

System 4

5. Harmonised standard:

EN 13986: 2004 + A1:2015

- Notified body:

Not applicable

6. Declared performance

Essential characteristics	Performance								Harmonised technical specification
Reaction to fire acc. EN 13501-1	class E for th. <9 mm class D-s2,d0 (without air gap) for th. 9 till 15 mm class D-s2,d0 (with closed air gap) for th. 15 till 18 mm class D-s2,d0 (with open air gap) for th. ≥ 18 mm								EN 13986:2004 + A1:2015
Water vapour permeability Medial density: 640kg/m³	μ wet : 13.6 μ dry : 22								
Release of formaldehyde	Class E1								
Content of pentachlorophenol (PCP)	PCP ≤ 5 ppm								
Airborne sound insulation acc. EN 13986	board th. [mm]	8	9-10	12	15-16	18-19	22	38	
	R [dB]	23	24	26	27	28	29	32	
Sound absorption acc. EN 13986	α = 0,10 (frequency range 250 Hz to 500 Hz) α = 0,20 (frequency range 1000 Hz to 2000 Hz)								
Thermal conductivity acc. EN 13986 Medial density: 640kg/m³	λ = 0,108 W / (m . K)								

Air permeability		NPD			EN 13986:2004 + A1:2015
Durability	Board thickness [mm]	> 9 - 12	> 12 - 19	> 19 - 30	
	Internal bond acc. EN 319 [MPa]	0,45	0,45	0,45	
	Bending strength [MPa]	20	18	15	
	Modulus of elasticity in bending [MPa]	1700	1600	1500	
	Biological durability acc. EN 335	Use class 1			

7. 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 the manufacturer by:

Patrick Weber, Administrative and Financial Director

Sanem, 01/08/2016

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 Peter Stadler, Managing Director

