

DECLARATION OF PERFORMANCE No. 1607101012

1. Unique identification code of the product-type:
Kronogen + UM

2. Intended use or uses of the construction product:
**For internal use as a non structural component in dry conditions
 (MDF acc. EN 622-5 is 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: 730kg/m³	μ wet : 17,2 μ dry : 26,5		
Release of formaldehyde	Class E1		
Content of pentachlorophenol (PCP)	PCP ≤ 5 ppm		
Airborne sound insulation acc. EN 13986	board th. [mm]		8 9-10 11-12 15-16 18-20 22-25 28-30 32-35 38-40
	R [dB]		24 25 26 28 29 30 31 32 33
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: 730kg/m³	λ = 0,126 W / (m . K)		

Air permeability		NPD						EN 13986:2004 + A1:2015
Durability	Board thickness [mm]	> 4 – 6	> 6 – 9	> 9 – 12	> 12 - 19	> 19 - 30	> 30 - 45	
	Internal bond acc. EN 319 [MPa]	0,65	0,65	0,60	0,55	0,55	0,50	
	Bending strength [MPa]	23	23	22	20	18	17	
	Modulus of elasticity in bending [MPa]	2700	2700	2500	2200	2100	1900	
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
