

## DECLARATION OF PERFORMANCE No 03/2017

1. Unique identification code of the product - type:

**Dry process fibreboard type MDF.HLS** - according to EN 622-5:2009 with density  $\geq 700 \text{ kg/m}^3$  in thickness range from **10mm** to **22mm**, formaldehyde class E1, wood-based panels for internal use as structural components in humid conditions.  
Identification code is printed on the label on the packaging of the palette. The product label includes an indicator of the production plant, product type, date of the manufacture.

2. Intended use or uses:

**Dry process fibreboards type MDF.HLS** are used as components for use in building and construction indoors in humid conditions (eg as building material in skeleton construction, on walls, ceilings, floors, for the manufacture of floor beams, as finishing boards on walls ect.), for the manufacture of packaging, pallets ect., to produce furniture and skeleton for furniture, shelves.

3. Name of the manufacturer:

**KRONOSPAN MIELEC Sp. z o.o.**  
**ul. Wojska Polskiego 3**  
**39-300 MIELEC, POLSKA**  
[www.mieleckronospan.pl](http://www.mieleckronospan.pl)

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

**System 2+**

5. Harmonized standard:

**EN 13986:2004+A1:2015**

The notified certification body:

**Instytut Techniki Budowlanej w Warszawie**  
**Zakład Certyfikacji**  
**ul. Filtrowa 1**  
**00-611 Warszawa**  
**Europejska Jednostka Notyfikowana nr 1488**

The notified factory production control certification body - Instytut Techniki Budowlanej w Warszawie – performed initial inspection of the manufacturing plant and of factory production control and performs continuous surveillance, assessment and evaluation of factory production control under the system 2+ as described in harmonized standard **EN 13986:2004+A1:2015**.

Notified body issued the certificate of conformity of the factory production control no.

**1488–CPR - 0290/Z**

6. Declared performance characteristics acc EN 13986:2004+A1:2015.

Essentials characteristics			Performance		
			Thickness [mm]		
Lp.		Unit	10-12	13-19	20-22
1.	Bending strength acc. EN 310	N/mm <sup>2</sup>	≥ 32,0	≥ 30,0	≥ 28,0
2.	Bending stiffness (modulus of elasticity) acc. EN 310	N/mm <sup>2</sup>	≥2800	≥2700	≥2600
3.	Bonding quality		Not applicable		
4.	Durability – Internal Bond acc. EN 319	N/mm <sup>2</sup>	≥ 0,80	≥ 0,75	≥ 0,75
5.	Durability – Swelling in thickness acc. EN 317	%	≤ 10	≤ 8	≤ 7
6a.	Durability – Moisture resistance acc. EN 321 Cycle test – internal bond	N/mm <sup>2</sup>	≥ 0,25	≥ 0,20	≥ 0,15
6b.	Durability – Moisture resistance acc. EN 321 Cycle test – swelling in thickness	%	≤ 16	≤ 15	≤ 15
7.	Release of formaldehyde acc. EN 717-1	class	E1		
8a.	Reaction to fire [table 8, density > 600 kg/m <sup>3</sup> ] acc. EN 13501-1	class	D - s2, d0		
8b.	Density acc. EN 323	kg/m <sup>3</sup>	≥700	≥700	≥700
9.	Water vapour permeability		Not applicable		
10.	Airborne sound insulation		Not applicable		
11.	Sound absorption		Not applicable		
12.	Thermal conductivity		Not applicable		
13.	Strength and stiffness for structural use		Not applicable		
14.	Mechanical durability		Not applicable		
15.	Biological durability		Not applicable		
16.	Content of pentachlorophenol (PCP)		Not applicable		
17.	Racking resistance		Not applicable		
18.	Embedment strength		Not applicable		

The performance of the product identified above are consistent with a set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 sole responsibility of the producer referred to above.

Signed for an on behalf of the manufacturer by:

Daniel Walas, Plant Director

Mielec 27.04.2017

