



Issued according to the Regulation EU CPR 305/2011

- DOP N°: DOP-04
1. Unique identification code of the product: NMX Melamine faced MDF panel
8 – 38 mm thickness
2. Intended use: Wood-based panels for internal use as non-structural components in dry conditions
3. Manufacturer name and address: CLEAF SpA, Via Bottego 15, 20851
Lissone (MB) - Italy
4. Product Performance Constance Evaluation and Verification System: System 4
5. Notified body: CSI SpA - 0497, Viale Lombardia 20, 20021
Bollate (MI) - Italy
6. Harmonised standard: EN13986:2004+A1:2015
7. Declared performance:

RAW PANEL TECHNICAL CHARACTERISTICS EN 13986:2004 +A1:2015	Standard	8-9 mm	10-12 mm	13-19 mm	20-30 mm	31-38 mm
Bending strength Min. [N/mm ²]	EN 310 EN 622-5	23	22	20	18	17
Internal bond Min. [N/mm ²]	EN 319 EN 622-5	0,65	0,60	0,55	0,55	0,50

COVERED PANEL CHARACTERISTICS EN 13986:2004 +A1:2015	Standard	8 – 38 mm				
Formaldehyde release	EN ISO 12460-3	≤ 3,5 mg/(m ² h), Class E1 (EN 13986)				
	EN ISO 16516	≤ 0,1 ppm, Class E1 (BANZ AT26.11.2018 B2 – E05)				
	ASTM E1333-96	≤ 0,11 ppm (CARB P2 – EPA TSCA Title VI)				
Reaction to fire of melamine faced panel ^a (Intended use)	Standard	Classes of reaction to fire performance (Minimum density 600 kg/m ³)				
		8 mm	9-14 mm	15-19 mm	20-30 mm	31-38 mm
Without an air gap behind the panel ^{bcf}	EN 13501-1 EN 13986	E	D-s2,d0	D-s2,d0	D-s2,d0	D-s2,d0
With an air gap ≤ 22 mm behind the panel ^{df}		E	D-s2,d2	D-s2,d2	D-s2,d2	D-s2,d2
With a closed air gap > 22 mm behind the panel ^{ef}		E	E	D-s2,d0	D-s2,d0	D-s2,d0
Any ^f		E				
Reaction to fire of panels Kristall and Piombo	Standard	Class of reaction to fire performance				
Any	EN 13501-1 EN 13986	F				

- a. Except Piombo.
- b. Mounted without an air gap directly against class A1 or A2-s1, do products with minimum density 10 kg/m³ or at least class D-s2, d2 products with minimum density 400 kg/ m³.
- c. A substrate of cellulose insulation material of at least class E may be included if mounted against the wood-based panel, but not for floorings.
- d. Mounted with an air gap behind. The reverse face of the cavity shall be at least class A2-s1, d0 products with minimum density 10 kg/m³.
- e. Mounted with an air gap behind. The reverse face of the cavity shall be at least class D-s2, d2 products with minimum density 400 kg/m³.
- f. Veneered, phenol- and melamine-faced panels are included for class.

8. The performance of the product identified in points 1. and 2. is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Lissone, 11/04/2025



Lorena De Sario
Quality and After Sales Service Manager