valchromat

DoP – Declaration of Performance
Regulation (EU) No 305/2011
DoP No. 04.02/2026

Product type: Dry-process wood fibreboard (MDF)
Technical class: **MDF.HLS**

Identification: **Valchromat E05**

Intended use: Construction product for interior use as a structural component in humid conditions
Manufactured by: **Valbopan – Fibras de Madeira, SA**
Address: Quinta do Castelo, 2450-025 Famalicão da NZR, Portugal
System 2+
Notified body Certif No. 1328 determined the technical class on the basis of type testing, calculations relating to the type class, tabulated values or descriptive product documentation, the initial inspection of the factory and factory production control, and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of conformity of factory production control: 1328-CPR-0062

Declared Performance								
Essential characteristics	Standard	Performance						Harmonised technical specification
Thickness (mm)	EN 622-5	8	12	16	19	25	30	EN 13986 : 2004 + A1 : 2015
Density (kg/m³)	EN 323	830	800	780	770	730	720	
Bending strength (N/mm²)	EN 310	42	40	38	38	36	36	
Modulus of elasticity in bending (N/mm²)	EN 310	3400	3200	3100	3100	3100	3000	
Tensile strength (N/mm²)	EN 319	0,80	0,80	0,75	0,75	0,75	0,75	
Thickness swelling (%)	EN 317	12	10	8	8	7	7	
Durability – Residual tensile strength (N/mm²)	EN 321	0,30	0,25	0,20	0,20	0,15	0,15	
Durability – Residual swelling (%)	EN 317 EN 321	19	16	15	15	15	15	
Reaction to fire	EN 13501-1	F	D-s2, d0					
Formaldehyde emission	EN 717-1	E1 ≤0.062 mg/m³ (≤ 0.05 ppm)						
Pentachlorophenol content (ppm)	EN 13986	<5						

The performance of Valchromat E05 is in accordance with the performance declared in the table.

The product complies with Regulation (EU) 2023/1464 amending Annex XVII to Regulation (EC) No 1907/2006 (REACH) as regards formaldehyde emissions

This declaration of performance is issued under the sole responsibility of Valbopan, SA.

Signed for and on behalf of the manufacturer: Alexandra Gouveia (R&D Department)

Famalicão NZR, 21-07-2026 Graça Cáceres (Quality Department)