

Product Type: MDF
Technical Class: MDF.HLS
Commercial name: Valchromat E05
Intended use: Construction – internal use as structural component in humid conditions
Manufactured by: Valbopan – Fibras de Madeira, SA
 Quinta do Castelo, 2450-025 Famalicão da NZR, Portugal

AVCP system 2+

The notified body Certif Nr 1328 performed the determination of the product-type on the basis of type testing, calculations relating to the type, tabulated values or descriptive documentation of the product, the initial inspection of the site and control of factory production, and monitoring, evaluation and continuous appreciation of the factory production control and issued the certificate of conformity of production control at the factory: 1328-CPR-0062

Declared Performance									
Characteristics	Standard	Performance						European Standard	
Thickness (mm)	EN 622-5	8	12	16	19	25	30	EN 13986 : 2004 + A1 : 2015	
Density (Kg/m ³)	EN 323	830	800	780	770	730	720		
Bending Strength (N/mm ²)	EN 310	42	40	38	38	36	36		
Modulus of Elasticity (N/mm ²)	EN 310	3400	3200	3100	3100	3100	3000		
Internal Bond (N/mm ²)	EN 319	0,80	0,80	0,75	0,75	0,75	0,75		
Swelling in Thickness (%)	EN 317	12	10	8	8	7	7		
Durability – Residual Internal Bond (N/mm ²)	EN 321	0,30	0,25	0,20	0,20	0,15	0,15		
Durability – Residual Swelling in Thickness (%)	EN 317 EN 321	19	16	15	15	15	15		
Reaction to Fire	EN 13501-1	F	D-s2, d0						
Release of Formaldehyde	EN 13986 Annex B	E1/2 Low emission < 0,05ppm (EN 717-1)							
Content of Pentachlorophenol (ppm)	EN 13986	< 5							

The performance of the product Valchromat is in conformity with the declared performance
 This declaration of performance is issued under the sole the responsibility of Valbopan, SA.

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



Famalicão NZR, 30-09-2021

Graça Cáceres (Quality Management)

