

Product Type: MDF.HLS

Commercial denomination: Valchromat Fire Retardant

Planned use: Construction – internal use as structural component in humid conditions

 Company: Valbopan – Fibras de Madeira, SA  
 Address: Quinta do Castelo, 2450-025 Famalicão da NZR Portugal

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-CPD-0188

Declared Performance							Harmonised Technical Specification
Essentials Characteristics	Performance						
Thickness (mm)	8	12	16	19	25	30	EN 13986 :2004
Density (kg/m <sup>3</sup> )	850	820	800	790	750	740	
Resistance to flexion (N\mm <sup>2</sup> )	42	40	38	38	36	36	
Modulus of elasticity in bending (N\mm <sup>2</sup> )	3400	3200	3100	3100	3100	3000	
Internal Cohesion (N\mm <sup>2</sup> )	0,80	0,80	0,75	0,75	0,75	0,75	
Product Type	MDF.HLS						
Reaction to fire	B,s2-d0						
Release of Formaldehyde	E1						

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 the R&D Management and the Quality Management

Signed for and on behalf of the manufacturer:

*Alexandra Couvêla - R&D Management*
*Giota Trigueira - Quality Management*

 Famalicão da NZR, 02<sup>nd</sup> of July de 2013

*Alexandre Couvêla*  
 R&D

*Giota Trigueira*  
 Quality