

## DATA SHEET VALCHROMAT

### Application

Valchromat is a wood fibre panel coloured throughout engineered for high physical performance. The fibres are individually impregnated with organic dyes and chemically bonded by specifically developed resins that give the panels their special properties.

### Benefits

Coloured throughout, Non-toxic, Weight resistant, Moisture resistant, Tool friendly, Easy to machine

### Colours



### All colours available in

Thickness: 8mm / 12mm / 16mm / 19mm

Dimensions: 2440 x 1220mm

### Dimensions

Feature	Unit	8	12	16	19	Standard
Density (±30)	kg/m <sup>3</sup>	850	820	800	790	EN323
Swelling (24 hours)	%	12	10	8	8	EN317
Internal Bond	N/mm <sup>2</sup>	0.80	0.80	0.75	0.75	EN319
Bending Strength	N/mm <sup>2</sup>	42	40	38	38	EN310
Modulus of Elasticity	N/mm <sup>2</sup>	3400	3200	3100	3100	En310
Swelling After Cyclic Test	%	19	16	15	15	EN321
Internal Bond After Cyclic Test	N/mm <sup>2</sup>	0.30	0.25	0.20	0.20	EN321
Level of Formaldehyde	mg/100 dryboard	≤8 (Class E1)				EN120
Thickness Tolerance	mm	±0.2		±0.3		
Dimension Tolerance	mm/m	±2: max ±5				

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<b>Material</b>	Wood fibre panel
<b>Sustainability</b>	FSC and PEFC certified
<b>Warranty</b>	7 year product warranty
<b>Fire Resistance</b>	Fire Reaction Class D-s2, d0 when tested to EN13501. Tested to AS 1530.3 and obtained the following results: Ignitability - 14 Spread of Flame - 3 Heat Evolved - 2 Smoke Developed - 2