

CORE SILK BOARD

Substance g/m ²	200	220	250	300	350
Caliper µm (approx)	176	183	207	264	319
Brightness (ISO) D65	97	97	97	97	97
Whiteness CIE D65	120	120	122	122	122
Gloss (Gardner) 75° TS	35	35	35	35	35
Smoothness (Bendtsen) ml/min TS	10	10	5	5	5
Smoothness (Bendtsen) ml/min WS	10	10	5	5	5
Rigidity (Taber Stiffness Units) 15° MD	17	25	32	63	102
Rigidity (Taber Stiffness Units) 15° CD	9.5	14.5	25	47	67
Surface pH	8	8	8	8	8

Technical Capability

Printing Process	Litho and screen
Digital Printing	SRA3 size is suitable for laser printing and is HP Indigo Approved
Screen Ruling	150 plus
Printing Inks	Use of ink formulated for silk coated papers and boards is preferred.
Embossing	Yes
Varnishing	Machine or UV silk screen varnishing are both possible. Best results are obtained on top of emulsion sealing. Good results have been obtained by spot varnishing on solids or dense tones by either method. Any varnish applied directly to unprinted areas of the sheet may cause variations in gloss levels.
Emulsion Sealing	Yes
Hot Foil Blocking	Yes
Film Laminating	Yes
Creasing	If folding material 200g/m ² and above or through a solid or dense tone, pre-creasing is advisable by using a creasing matrix.
Food Contact	Yes, dry and non-fatty foods for 250gsm and above
Toy Safety	Yes, complies with EN71 Part 3 Toy Safety Regulations
Permanence of Paper	Yes, meets ISO9706 requirements for Permanence of Paper
Technical Advice Sheet	Technical advice leaflet 'Printing and Handling of Silk and Matt Coated materials' is available for use with this product.

Environmental Information

Fibre Source	Up to 220gsm - virgin wood fibre from Finland and Brazil. For 250gsm and above, virgin wood fibre from Brazil
Bleaching	Pulp is bleached using an Elemental Chlorine Free (ECF) process.
Disposal	This material can be disposed of by recycling, incineration for energy recovery, or is biodegradable.
Accreditation	Produced at a mill that is certified with the ISO14001 environmental management standard. Produced at a mill that is certified to the EMAS environmental management standard, up to 220gsm (No FIN-000021), for 250gsm and above (No D-140-00006). FSC Mixed Sources product group from well managed forests and other controlled sources