

Core Silk Board (ECF) NQ quality

Technical Information

Substance g/m ²	200	220	250	300	350
Caliper μm (approx)	174	192	208	264	315
Brightness (ISO) % D64	97	97	97	97	97
Whiteness CIE D65	120	120	122	122	122
Gloss (Gardner) 75°	35	35	35	35	35
Smoothness (Bendtsen) MI/min	10	10	5	5	5
Rigidity (Taber) 15° MD	17.0	25.0	32	63	102
Stiffness Units CD	9.5	14.5	25	47	67
Surface pH	8.0	8.0	8.0	8.0	8.0

Environmental Information

Up to 220 gsm FIBRE SOURCE

Virgin wood fibre from Scandinavia and Brazil.

BLEACHING

Pulps used in the production of the above grade are Elemental Chlorine Free (ECF) giving a resultant AOX level of <0.5 kg per 1000 kg of pulp.

DISPOSAL

This material can be disposed of by recycling, incineration for energy recovery or is biodegradable.

ACCREDITATION

Produced at a mill that is certified to the ISO14001 environmental management standard and EMAS environmental management standard (number: FIN-000021).

250 gsm and over FIBRE SOURCE

Virgin wood fibre from Brazil.

BLEACHING

Pulps used in the production of the above grade are Elemental Chlorine Free (ECF) giving a resultant AOX level of <0.5 kg per 1000 kg of pulp.

DISPOSAL

This material can be disposed of by recycling, incineration for energy recovery or is biodegradable.

ACCREDITATION

Produced at a mill that is certified to the ISO14001 environmental management standard and EMAS environmental management standard (number: FIN-000021).

Technical Capability

Printing Process	-	Litho and screen.
Digital Printing	-	SRA3 size is laser guaranteed and 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 200 g/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.
Permanence of paper	-	Meets ISO 9706 requirements for permanence of paper.

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