

Tauro Offset 80 -300gm

Technical Information

Substance g/m ²	80	90	100	110	120	140	150	170	190	250	300
Caliper µm (approx)	104	115	128	139	150	172	184	204	228	300	354
Opacity (ISO) %	91	93	94	95	96	97	98	99			
Brightness (ISO) D65	105	105	105	105	105	105	105	105	105	105	105
Whiteness CIE D65	140	140	140	140	140	140	140	140	140	140	140
Smoothness (Bendtsen) TS ml/min	350	350	350	350	350	350	350	350	400	450	600
WS	350	350	350	350	350	350	350	350	400	450	600
Rigidity (Taber Stiffness Units) 15° MD	2.4	2.8	5	5.2	5.7	12.7	15.2	18.7	25	52	73.2
Rigidity (Taber Stiffness Units) 15° CD	1.1	1.3	1.6	2	2.6	5.5	6	8.6	11.5	23.4	35.3
Surface pH	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3

Environmental Information

FIBRE SOURCE

Virgin wood fibre mainly from Germany, Canada and Sweden.

BLEACHING

Pulp is bleached using a Totally Chlorine Free (TCF) process.

DISPOSAL

This material can be disposed of by recycling, incineration for energy and composting.

ACCREDITATION


- Produced at a mill that is certified to the ISO14001 environmental management standard.
- PEFC Certified.

Technical Capability

Printing Process	-	Litho
Screen Ruling	-	Up to 150
Printing Inks	-	Conventional, UV and IR are preferred, however Press open inks have been used satisfactorily
Embossing	-	Yes
Varnishing	-	Board substances only - machine or UV screen varnishing are both possible. Best results are obtained on top of emulsion sealing. For very high gloss results it may be necessary to matt UV varnish on top of emulsion sealer before gloss UV varnishing. Good results have been obtained by spot varnishing on solid 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, board substances only.
Hot Foil Blocking	-	Yes
Creasing	-	Pre-creasing is advisable on 150g/m ² and above by using a creasing matrix.
Thermography	-	Yes
Food Contact	-	Yes, direct food contact with dry, fatty and moist foodstuffs, except the 70g/m ²
Toy Safety	-	Yes, complies with EN71 Part 3 Toy Safety Regulations
Permanence of Paper	-	Yes, meets ISO9706 requirements for permanence of paper

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