

Mellotex Brilliant White Paper (ECF)

Technical Information

4 = amendment : = addition 6 = deletion

Substance g/m ²	100	135	6
Caliper μm (approx)	110	146	
Opacity (ISO) %	94	95	
Brightness (ISO) %	93	93	
Whiteness CIE D65	152	152	
Smoothness (Bendtsen) TS ml/min WS	40 45	40 45	
Rigidity (Taber) 15° MD Stiffness Units CD	3.7 2.4	8.7 5.5	4 4
Surface pH	7.4	7.4	

Environmental Information

CONSTITUENTS OF PAPER

Fibre Source – Virgin wood fibre from sawmill residues, forest thinnings and sustainable forests in Portugal, Chile, Spain and USA. **Mill Broke** – All broke is recycled and can be as high as 35% of the total fibre content.

Filler – approx 11 grammes.

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 OF WASTE BY-PRODUCTS

Landfill adhering to strict local laws. Only inert waste / materials that cannot be recycled. Solid waste ash used in production of breeze blocks.

PAPER MILL EFFLUENT

Water used is suitably treated prior to use. Effluent is discharged to sewer, in accordance with strict local laws.

ENERGY SOURCE

Coal, Gas

TOTAL GROSS PRIMARY ENERGY (Paper Mill)

11 Giga Joules / 1,000 kg of paper.

This material is recyclable and bio-degradable.

The Mill has ISO 14001 Accreditation.

The Mill has ISO 9001-2000 Accreditation. 4

This material complies with ISO9706 Permanence of paper :

This Material complies with EN71 Part 3 Toy Safety regulations :

Technical Capability

- Printing Process - Litho and Screen 4
- Screen Ruling - 150 plus – Undercolour removal is recommended.
- Printing Inks - Most Conventional, UV and IR are suitable but Press Open inks should be avoided. High temperature resistant Fully Oxidizing ink for laser printing.
- Embossing - Yes
- Hot Foil Blocking - Yes – Laser grade foil available. 4
- Film Laminating - Yes
- Thermography - Yes
- Laser/Copier Guaranteed - Mono and colour up to 160 g/m²
- Inkjet Guaranteed - Mono and colour up to 100 g/m²only 4

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