

Kalideck Ensocoat 2S

Two-side fully coated multilayer SBS board

GRAMMAGE THICKNESS
300gsm | 330mic



The mark of
responsible forestry

Environmentally friendly two-side coated paperboard

Ensocoat is the leading SBS for luxury packaging and graphical applications

Grammage | Thickness
300_{gsm} | **330_{mic}**

Ensocoat 2S SBS



Stora Enso is the leading solid bleached sulphate (SBS) board for creating luxury packaging. Ensocoat is a coated SBS board that features a multi-layer fibre structure of chemical pulp for extra stiffness and strength that tolerates the most demanding finishing treatments.

Features and Benefits

- Fail-safe in printing and converting processes and extremely tolerant of demanding finishing treatments
- Ensocoat has a multi-layer fibre structure of chemical pulp for extra stiffness and strength
- Its double-coated top side and light coating on the reverse, enables Ensocoat to stand up to crisp folding and demanding finishing, such as embossing, foil stamping and other special effects
- Ensocoat 2S by Stora Enso offers the highest quality for graphical products as well as luxury and cosmetics packaging
- The double-pigment coating on its top, as well as its reverse side, gives the board a symmetrical appearance while also making it ideal for adding surprising special touches, like metalized foil, to the inside of your package

Product Use /Applications

- Brochures, calendars, greetings cards and invitations
- Menus, book covers and advertising materials
- Perfumes, cosmetics and pharmaceuticals packaging
- Chocolates, wines and spirits, CD/DVD packaging

Environmental Benefits

- Ensocoat is made from 100% Elemental Chlorine-Free (ECF) renewable virgin fiber
- It is fully recyclable with paper and board packaging
- For graphical end uses, Ensocoat is available with an EU Ecolabel Certificate

PROPERTY / UNIT	TOLLERANCE	STANDARDS	Technical Data - Ensocoat 2S									
			*220g/m ²	240g/m ²	270g/m ²	300g/m ²	*330g/m ²	350g/m ²	*400g/m ²	450g/m ²	500g/m ²	600g/m ²
Grammage, g/m ²	±4%	ISO536	*220g/m ²	240g/m ²	270g/m ²	300g/m ²	*330g/m ²	350g/m ²	*400g/m ²	450g/m ²	500g/m ²	600g/m ²
Thickness, µm	±4%	ISO534	230	255	290	330	360	400	450	520	600	710
Bending resistance L&W 15° MD, mN	-15%	ISO2493-1	85	130	190	260	350	440	650	850	1200	2000
Bending resistance L&W 15° CD, mN	-15%	ISO2493-1	47	60	90	130	170	215	310	400	570	1050
Bending moment Taber 15° MD, mNm	-15%		4.1	6.3	9.2	12.6	16.9	21.3	31.4	41.1	58.0	95.0
Bending moment Taber 15° CD, mNm	-15%		2.3	2.9	4.3	6.3	8.2	10.4	15.0	19.3	27.5	50
Bending stiffness DIN 5° MD, mNm	-15%		7.2	11.1	16.2	22.1	29.8	37.4	55.3	72.3	102.0	170
Bending stiffness DIN 5° CD, mNm	-15%		4.0	5.1	7.7	11.1	14.5	18.3	26.4	34.0	48.5	90
Moisture, %	±1, ±1.5	ISO287	6.5									
ISO Brightness C/2°, %	min. 92	ISO 2470-1	95									
Brightness D65/10°, %		ISO2470-2	103									
CIE Whiteness D65/10°		ISO 11475	135									
L* D65/10°			96.5									
a* D65/10°		ISO5631-2	2.5									
b* D65/10°			-10.5									
Surface Smoothness PPS 10, µm	max. 1.4	ISO8791-4	0.9									
Surface Smoothness Bendtsen, mI/min		ISO8791-2	20									
Gloss 75°, %		ISO8254-1	48									
Scott Bond, Jim'	min. 140	TAPPI 569	220									

Optical and surface properties valid for both sides for 350 - 600 g/m² | Available in sheets. *Bespoke grammages: 220g/m², 330g/m², 400g/m²

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