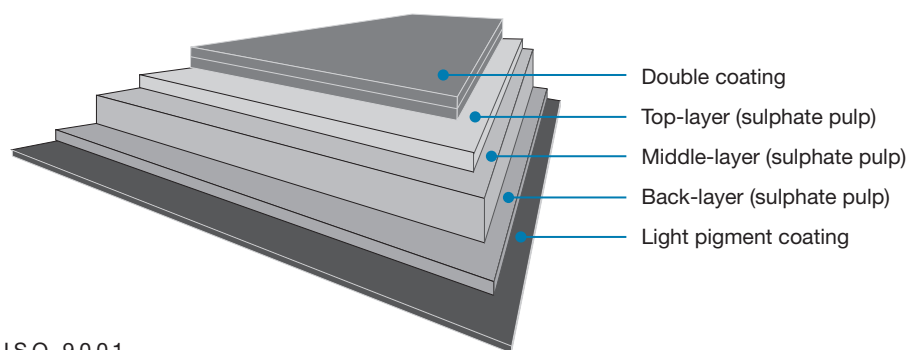


Ensocoat

Coated SBS board with light pigment coating on reverse



ISO 9001

Issued: 01.2010
Cancels: 09.2007

Specifications for Ensocoat:

Property / Unit	Tolerance												Standards
Grammage, g/m ²	± 4 %	170	190	210	230	250	275	300	330	350	380	380	ISO 536
Thickness, µm	± 4 %	170	200	230	270	300	330	365	415	445	485	485	ISO 534
Bending stiffness DIN 5° MD	- 15 %	4.3	6.4	8.9	13.6	17.9	23.0	31.9	42.5	49.3	62.9	62.9	ISO 2493
Bending stiffness DIN 5° CD	- 15 %	2.1	3.0	4.3	6.4	8.5	11.1	15.3	20.4	23.0	29.8	29.8	
Bending moment Taber 15° MD, mNm	- 15 %	2.4	3.6	5.1	7.7	10.1	13.0	18.1	24.2	28.0	35.7	35.7	
Bending moment Taber 15° CD, mNm	- 15 %	1.2	1.7	2.4	3.6	4.8	6.3	8.7	11.6	13.0	16.9	16.9	
Bending resistance L&W 15° MD, mN	- 15 %	50	75	105	160	210	270	375	500	580	740	740	
Bending resistance L&W 15° CD, mN	- 15 %	25	35	50	75	100	130	180	240	270	350	350	
Moisture, %		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	ISO 287
ISO Brightness C/2°, %, Top		95	95	95	95	95	95	95	95	95	95	95	ISO 2470
ISO Brightness C/2°, %, Reverse		93	93	93	93	93	93	93	93	93	93	93	
CIE Whiteness D65/10°, Top		125	125	125	125	125	125	125	125	125	125	125	ISO 11475
CIE Whiteness D65/10°, Reverse		121	121	121	121	121	121	121	121	121	121	121	
L*, Top		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	SCAN-P72
a*, Top		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
b*, Top		-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	-7.1	
Surface Smoothness PPS 10, µm, Top	max 1.4	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	ISO 8791-4
Surface Smoothness PPS 10, µm, Reverse		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	
Surface Smoothness Bendtsen, ml/min, Top		20	20	20	20	20	20	20	20	20	20	20	ISO 8791-2
Surface Smoothness Bendtsen, ml/min, Reverse		<100	<100	<100	<200	<200	<200	<200	<300	<300	<400	<400	
Scott Bond, J/m ²		220	220	220	220	220	220	220	220	220	220	220	TAPPI 569 pm-00
Gloss 75°, %, Top		48	48	48	48	48	48	48	48	48	48	48	ISO 8254-1

All properties according to Imatra Mill measurements.

Test climate 23°C/50% RH (According to ISO 187). In order to verify, reel/pallet average shall be based on 5 single measurements randomly sampled within the reel/pallet. These averages will be for at least 19 of 20 reels/pallets within the specification limits.

Imatra Mills have certified FSC and PEFC Chain-of-Custody (CoC) systems as well as certified hygiene management system.

FSC: Certificate registration code SA-COC-001548 and SA-CW-001548
PEFC: Certificate registration no. 46786-2009-AE-FIN-FINAS