



Tambrite Hard Sized

A highly versatile, robust folding boxboard.
Catering to today's diverse use of folding cartons.
Fully coated GC2 board with a white top and uncoated cream reverse.



- ✓ Excellent stiffness and bulk attributes
- ✓ Robust without compromising on visual appearance
- ✓ Strong yet lightweight board delivering high yield
- ✓ Super high bulk provides excellent yield and economy
- ✓ Typical packaging applications include: Direct food contact including fridge & freezer applications

- ✓ Available in – 200gsm, 350ums | 220gsm, 400ums | 250gsm, 460ums | 310gsm, 600ums | 335gsm, 650ums
- ✓ Reel Width – 920 | 1030 | 1330 | 1450

TAMBRITE HARD SIZED



PROPERTY, UNIT	TOLERANCE	VALUES												STANDARDS
Grammage g/m ²	±4%	200	210	220	230	240	250	260	270	285	310	335	ISO 536	
Thickness um	±4% or max. ±20 um	350	375	400	420	440	460	480	500	540	600	650	ISO 534	
Bending moment Taber 15° MD, mNm	-10%	9.0	10.7	12.4	14.3	16.2	18.1	20.5	23.0	27.6	35.5	43.7	ISO 2493	
Bending moment Taber 15° CD, mNm	-10%	5.0	5.9	6.8	7.8	8.8	9.8	11.0	12.3	14.6	18.5	22.4		
Bending resistance L&W 15° MD, mN	-10%	186	221	257	296	335	375	424	476	571	735	905		
Bending resistance L&W 15° CD, mN	-10%	104	122	141	161	182	203	228	255	302	383	464		
Bending stiffness DIN 5° MD, mNm	-10%	18.0	21.3	24.7	28.5	32.3	36.1	40.9	45.9	55.1	70.8	87.2	DIN 53121	
Bending stiffness DIN 5° CD, mNm	-10%	10.0	11.8	13.6	15.6	17.6	19.6	21.9	24.5	29.1	36.9	44.7		
Moisture, %	±1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.5	8.5	9.0	ISO 287	
ISO Brightness C/2°, %, Top	min. 84	86	86	86	86	86	86	86	86	86	86	86	ISO 2470-1	
Surface Smoothness, PPS 10, um, Top	max. 1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO 8791-4	
Scott Bond, J/m ²	min. 100	130	130	130	130	130	130	130	130	130	130	130	TAPPI 569	
Edge wicking*, g/mm.m		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0		
Robinson chocolate test		max. 0.5 for one year storage in reels/pallets											EN 1230-2	

STORAGE RECOMMENDATIONS

For optimal printing results, the moisture proof wrapping should not be removed until the board has reached the temperature of the press room.

The product properties, according to the specifications, are guaranteed for 12 months after the production date. In order to ensure product safety, the product must be well wrapped and stored indoors, sheltered from rain and snow. The recommended storage conditions are 50-55% relative humidity and 20-23°C.

PALLET/REEL WEIGHT (KG)	DIFFERENCE IN TEMPERATURE BETWEEN BOARD AND PRESS ROOM (PRESS ROOM TEMP. APPROX 20°C)		
	10°C	10°C	10°C
400kg	2 days	2 days	2 days
800kg	2 days	3 days	2 days
1200kg	2 days	2 days	2 days