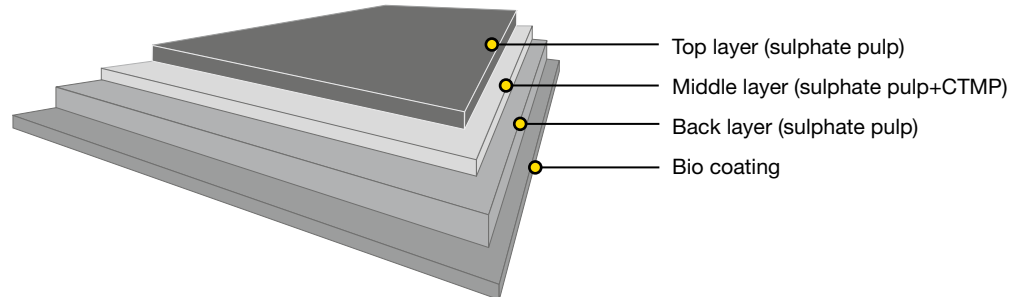


Bleached compostable tray board

Trayforma Bio is a bleached virgin-fibre board with a three layer fibre construction and with CTMP (chemi-thermomechanical pulp) in the middle layer and a biodegradable coating on the reverse side.



Issued: 11.2021
Cancels: 03.2020

Technical specification

Property/Unit	Tolerance	190+35	230+35	310+35	350+35	390+35	420+35	Standard
Bio coated board:								
Grammage, g/m ²	± 7 %	225	265	345	385	425	455	ISO 536
Bio reverse, g/m ²	min 33	35	35	35	35	35	35	Mill method
Thickness, µm	± 6 %	268	318	433	478	563	623	ISO 534
Baseboard:								
Grammage, g/m ²	± 6 %	190	230	310	350	390	420	ISO 536
Thickness, µm	± 6 %	255	305	420	465	550	610	ISO 534
Bending resistance L&W 15° MD, mN	min -25%	100	160	420	550	800	1000	ISO 2493-1
Bending resistance L&W 15° CD, mN	min -25%	40	60	160	200	300	400	
Bending moment Taber 15° MD, mNm	min -25%	4.8	7.7	20.2	26.4	38.4	48.3	
Bending moment Taber 15° CD, mNm	min -25%	1.9	2.9	7.7	9.6	14.4	19.3	
Moisture, %	min 7.5%	9.5	9.5	9.5	9.5	9.5	9.5	ISO 287
Brightness D65/10, %, top		83	83	83	83	83	83	ISO 2470-2
Surface Smoothness, Bendtsen, ml/min, top	max + 28 %	250	250	300	320	450	600	ISO 8791-2
Surface Smoothness, Bendtsen, ml/min, reverse	max + 28 %	400	500	700	800	1000	1200	
Stretch CD, %		6.0	6.0	6.0	6.0	6.0	6.0	ISO 1924-3

OBA free



Trayforma™ Bio

Bleached compostable tray board

Certificates

Quality management ISO 9001
 Environmental management ISO 14001
 Product safety FSC 22000
 Product safety ISO 22000
 Occupational health and safety ISO 45001
 Energy management ISO 50001



FSC and PEFC certified board available upon request.



Industrially compostable according to EN 13432 standard.



Paperboard is recyclable

Key characteristics and main enduses

Trayforma is an eco-friendly high-quality board specially designed for pressed and folded trays, which have high requirements for formability. Trayforma is food-safe, ecological as a renewable material, and works exceptionally well in tray pressing.

Combined with Bio coating, Trayforma can be used for pressed and folded trays intended for microwave oven or non-ovenable packaging. This product is 100% compostable in industrial composting and can be collected together with food waste in most collecting schemes.

Trayforma delivers excellent results in flexographic and offset printing to showcase brands. It's easy convertability and stability offers many opportunities for shelf differentiation.

Printing and finishing techniques

The product can be used for flexo and offset printing. It is important to check possible limitations of the printing and converting equipment and ensure that the basis weight of the board fits the tooling to be used.

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.

Pallet/Reel Weight (kg)	Difference in temperature between board and press room (press room temp. approx. 20°C)		
	10°C	20°C	30°C
400 kg	2 days	2 days	3 days
800 kg	2 days	3 days	4 days
1200 kg	2 days	4 days	5 days

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.