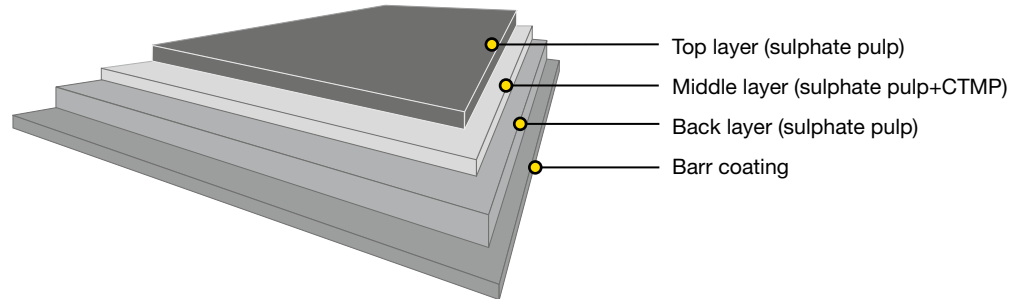


Trayforma Barr is a bleached virgin-fibre board with a three layer fibre construction and with CTMP (chemi-thermomechanical pulp) in the middle layer and a multilayer high-barrier coating on its reverse side.



Issued: 11.2021  
Cancels: 03.2020

### Technical specification

Property / Unit	Tolerance	190+EB41	230+EB41	310+EB41	350+EB41	390+EB41	420+EB41	Standard
<b>Polymer coated board:</b>								
Grammage, g/m <sup>2</sup>	± 6 %	231	271	351	391	431	461	ISO 536
Barr reverse, g/m <sup>2</sup>	± 4	41	41	41	41	41	41	Mill method
Thickness, µm	± 6 %	278	328	443	488	573	633	ISO 534
<b>Baseboard:</b>								
Grammage, g/m <sup>2</sup>	± 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



# Trayforma™ Barr

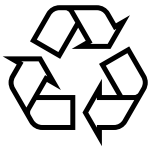
Bleached tray board with high barrier

## 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.



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.

Multilayer Barr coating of PE and EVOH gives excellent protection against moisture, oxygen and grease. Trayforma Barr can be used for long shelf life, non-ovenable products such as meat or cheese.

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.