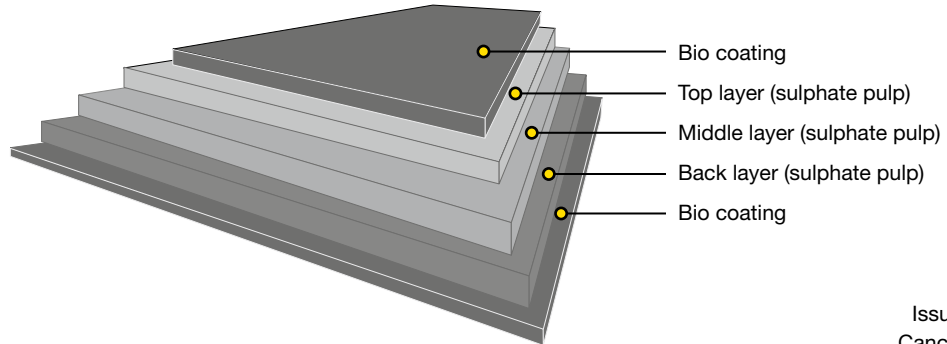


Cupforma Dairy™ 2Bio

Compostable SBS dairy board

Cupforma Dairy 2Bio is a virgin-fibre SBS board with a three layer fibre construction. The board has Bio coating on both sides which makes the product fully compostable in industrial composting.



Issued: 03.2021
Cancels: 07.2017

Technical specification

Polymer coated board:	Tolerances	25+210+35	25+230+35	25+248+35	25+283+35	25+310+35	Standards
Grammage, g/m ²	± 5%	270	290	308	343	370	ISO 536
Polymer topside, g/m ²	min 24	25	25	25	25	25	Mill method
Polymer reverse, g/m ²	min 33	35	35	35	35	35	
Thickness, µm	± 7 %	325	350	380	430	460	ISO 534
Corona treating, dyne/cm, top *)	min 39	42	42	42	42	42	ASTM D 2578
Baseboard:							
Grammage, g/m ²	± 4%	210	230	248	283	310	ISO 536
Thickness, µm	± 6%	275	300	330	380	410	ISO 534
Bending resistance L&W 15° MD, mN	min -25%	145	200	255	380	500	ISO 2493-1
Bending resistance L&W 15° CD, mN	min -25%	55	75	95	150	195	
Moisture, %	min 6.4%	7.5	7.5	7.5	7.5	7.5	ISO 287
Brightness D65/10, %	min 80	85	85	85	85	85	ISO 2471-2
Surface Smoothness, Bendtsen, ml/min	max 400	300	300	300	350	350	ISO 8791-2
Stretch CD, %	min 4.5%	6.0	6.0	6.0	6.0	6.0	ISO 1924-3

OBA free

*) Measured right after Bio coating

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Certificates

Quality management ISO 9001
 Environmental management ISO 14001
 Product safety FSSC 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

Cupforma Dairy 2Bio is a sustainable choice; a high-quality carton board specially designed for packaging milk and dairy products which have high requirements for the board and exceptionally high standard for odour and taint neutrality. It is food-safe, ecological as a renewable material and works smoothly and consistently in cup converting. Cupforma Dairy combined with both sides Bio coating, giving protection against moisture, is used for chilled yoghurt and other dairy products. Cupforma Dairy 2Bio is compostable in industrial composting.

Printing and finishing techniques

The product can be used for different printing techniques such as offset, flexo and digital 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. Since a wide variety of digital printing equipment is available in the market, it is important that a new commercial digital print job is always preceded by a trial run, including all required printing and converting process phases.

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.

For the Corona treatment, we recommend using the board within 12 months of the production date; after this period, the treatment level should be tested before printing or gluing.