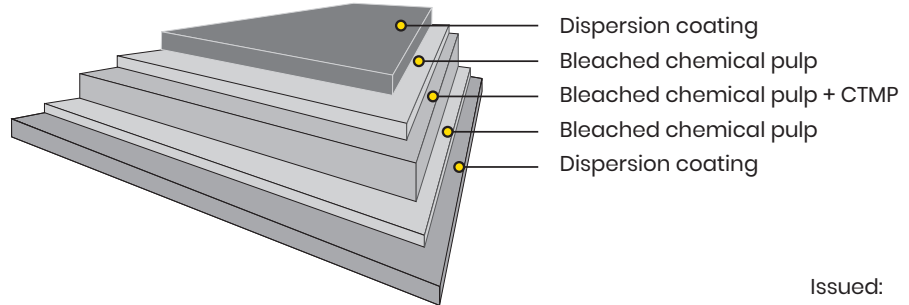


Cupforma Natura Aqua+™ 2SB

Bleached cup board with dispersion barrier

Cupforma Natura Aqua+ 2SB is a virgin-fibre bleached cup board with a three layer fibre construction with CTMP (chemi-thermomechanical pulp) in the middle layer and dispersion barrier on both sides.



Issued: 11.2025
Replaces: 08.2024

Technical specification

Typical properties, Imperial	Unit										
Dispersion coated board:											
Caliper	pts		10	11	12	14	15	17	18		
Nominal basis weight	lb/1000 sq. Ft.		42.2	44.4	48.3	52.0	57.8	64.9	72.1		
Typical properties, Metric		Tolerance									Method
Dispersion coated board:											
Thickness	µm		265	290	315	345	385	425	465		ISO 534
Grammage	g/m²		206	217	236	254	282	317	352		ISO 536
Baseboard:											
Bending resistance L&W 15° MD	mN	min -25%	105	130	160	215	290	380	500		ISO 2493
Bending resistance L&W 15° CD	mN	min -25%	43	55	75	95	130	170	230		ISO 2493
Moisture	%	min 7.0%	8.0	8.0	8.0	8.0	8.0	8.0	8.0		ISO 287
ISO Brightness D65/10°, Top	%	min 80	84	84	84	84	84	84	84		ISO 2470-2
Surface Smoothness Bendtsen	ml/min	max 400	200	250	250	300	300	300	300		ISO 8791-2
Tensile stretch CD	%	min 4.5%	6.0	6.0	6.0	6.0	6.0	6.0	6.0		ISO 1924-3

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Certificates

Energy management ISO 50001
Occupational health and safety ISO 45001
Food safety FSSC 22000
Environmental management ISO 14001
Quality management ISO 9001



FSC and PEFC certified board available upon request.



Industrially compostable according to EN 13432 standard, excluding grammages 206 & 217 g/m².



Paperboard can be recycled

Key characteristics and main enduses

Cupforma Natura Aqua+ 2SB is designed especially for cups. It is food-safe and the baseboard is made with renewable materials. Cupforma Natura Aqua+ 2SB works smoothly and consistently in cup converting. It is also economical as the board's structure provides the required stiffness; resulting in light, yet functional cups. Combined with dispersion coating on both sides, Cupforma Natura Aqua+ 2SB is sealed easily into a cup or a cup lid, and used for hot and cold drinks as well as ice cream.

Printing and finishing techniques

The product can be used for different printing techniques. Corona treatment of the product is offered as a default option in our order handling, which aims to further improve printing. For a successful printing it is important to check possible limitations of the printing and converting equipment and ensure that e.g. the thickness 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 (lbs)	Difference in temperature between board and press room		
	50°F	68°F	86°F
881 lbs (400 kg)	2 days	2 days	3 days
1762 lbs (800 kg)	2 days	3 days	4 days
2643 lbs (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 in its original cover indoors, sheltered from rain and snow. The recommended storage conditions are 50–55% relative humidity and 68–73.4°F.