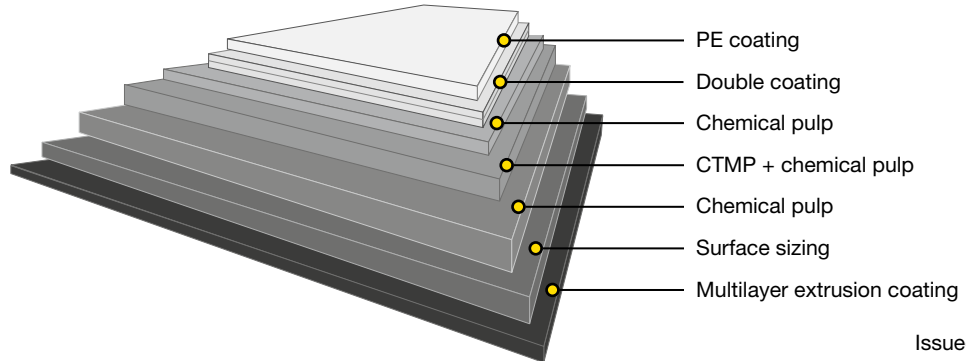


Performa Natura™ Barr

Fully coated CTMP board

Performa Natura Barr is a board with a three layer fibre construction and with CTMP (chemi-thermomechanical pulp) in the middle layer and a double-coated top side. The board has PE coating on its top and a multilayer high-barrier coating on its reverse side.



Issued: 09.2017
Cancels: 08.2014

Technical specification

Property / Unit	20+195+42EB56	20+230+42EB56	20+255+42EB56	20+270+42EB56	20+295+42EB56	20+320+42EB56	20+350+42EB56	Standards
Polymer coated board:								
Grammage, g/m ²	271	306	331	346	371	396	426	ISO 536
PE Topside, g/m ²	20	20	20	20	20	20	20	Mill method
PE Reverse, g/m ²	56	56	56	56	56	56	56	
Thickness, µm	330	390	420	460	500	540	580	ISO 534
Baseboard:								
Grammage, g/m ²	195	230	255	270	295	320	350	ISO 536
Thickness, µm	260	320	350	390	430	470	510	ISO 534
Bending resistance L&W 15° MD, mN	120	215	270	360	475	600	760	ISO 2493
Bending resistance L&W 15° CD, mN	55	95	125	170	210	270	340	
Moisture, %	6.5	6.5	6.5	6.5	6.5	6.5	6.5	ISO 287
Brightness D65/10°, %, Top	85	85	85	85	85	85	85	ISO 2470-2
Scott Bond, J/m ²	200	200	200	200	200	200	200	TAPPI 569

Also available without PE-coating on topside



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Certificates

Quality management ISO 9001
Environmental management ISO 14001
Product safety ISO 22000
Health and safety OHSAS 18001
Energy management ISO 50001



FSC and PEFC certified board available upon request.



Paperboard is recyclable

Key characteristics and main enduses

Performa Natura features a technically advanced structure for material efficiency, toughness, bulk and runnability. No optical brightening additives are used in production of Performa Natura. As a OBA non-added board Performa Natura is highly suitable for pharmaceuticals, food and chocolate packaging. With the PE coating on top and special Barr coating on the reverse side, the board provides protection against moisture, grease and oxygen and is suitable for packing fatty or dry food with extended shelf life.

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.

