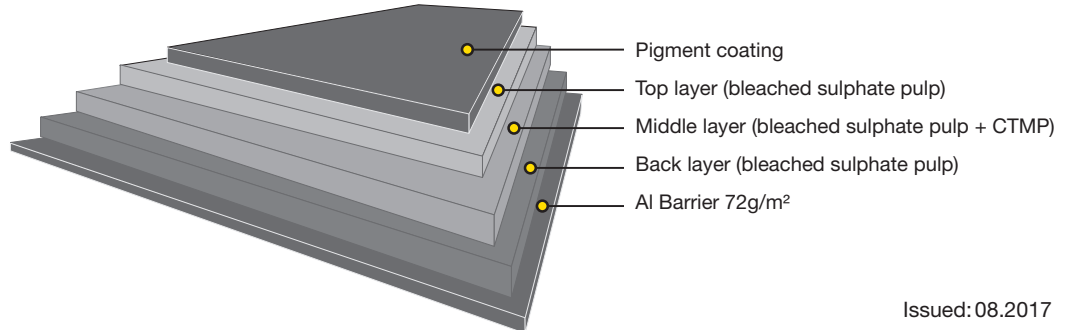


# Cupforma Special™ OxyBarr Al

Pigment coated cup board with oxygen barrier

Cupforma Special OxyBarr Al is a board with a three layer fibre construction including CTMP (chemi-thermomechanical pulp) in the middle layer and a fully coated top side. It has aluminum and PE layers on the reverse side.



Issued: 08.2017  
Cancels: 12.2016

## Technical specification

Property / Unit	195+72	210+72	230+72	255+72	270+72	295+72	320+72	350+72	Standard
Grammage, g/m <sup>2</sup>	267	282	302	327	342	367	392	422	ISO 536
Thickness, µm	321	341	381	411	451	491	531	571	ISO 534
Bending resistance L&W 15° MD, mN	180	222	294	360	467	605	755	947	ISO 2493
Bending resistance L&W 15° CD, mN	111	129	158	194	239	291	361	442	
Moisture %	4.7	4.8	5.0	5.5	5.5	5.6	5.7	5.4	ISO 287
Brightness D65/10, Top	85	85	85	85	85	85	85	85	ISO 2471-2
Surface Smoothness, PPS 10, µm, Top	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	ISO 8791-4

O<sub>2</sub>TR and WVTR <1 cc/m<sup>2</sup>/24h



# Cupforma Special™ OxyBarr AI

Pigment coated cup board with oxygen barrier

## Certificates

- Quality management ISO 9001
- Environmental management ISO 14001
- Product safety FSSC 22000
- 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

Cupforma Special OxyBarr AI is a sustainable choice; a high-quality carton board specially designed for fast converting lines. It is food-safe, ecological, and works smoothly and consistently in converting. It is also economical as the board's structure provides the required stiffness; resulting in light, yet functional packages. The fully pigment coated top side is very smooth, which ensures extremely high-quality printing results in flexographic, offset, and digital printing to showcase brands. Cupforma Special OxyBarr AI is an excellent material for the most sensitive food and other packaging which need very high barrier for oxygen and moisture.

## 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.

