

## Product: Barry Uncoated Board

## Category: Packaging - Boards

Mill: Metsa Board, Husum

Country of Origin: Germany

## Technical specifications:

### Description

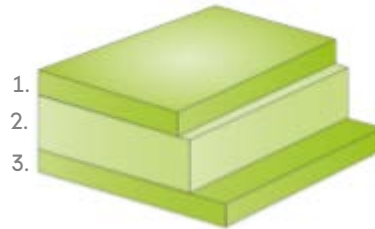
This is a hard sized, white uncoated, OBA free, light weight folding boxboard. Typically used for paper plates, folded trays, food packaging and take away food.

### Features

1. Bleached chemical pulp
2. Bleached chemi-thermo-mechanical pulp (BCTMP)
3. Bleached chemical pulp

### Advantages

- Hard sized to prevent moisture penetration
- Approved for direct food contact
- Bright and clean
- Excellent yield



Item	Method	Standard	Tolerance	Values											
Grammage g/m <sup>2</sup>		ISO 536	±4%	175	190	200	210	225	235	245	260	270	295	325	
Thickness µm		ISO 534	±4%	310	335	360	385	415	435	455	485	505	555	610	
Moisture Content %			± 1.0	7.0	7.0	7.0	7.2	7.5	7.7	7.7	7.8	8.1	8.3	8.5	
Brightness Top %	Illumination C/2°	ISO 2470-1	± 1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	3.8	4.6	5.4	6.6	8.1	9.0	10.0	11.6	13.0	16.0	19.0	
Bending stiffness MD mNm	Taber 15°	ISO 2493	± 15%	7.8	9.7	11.0	13.5	16.5	18.4	20.2	23.3	26.3	32.5	38.0	
Water absorption top g/m <sup>2</sup>	Cobb 3 min	ISO 535		≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	≤40	
Water absorption middle, back g/m <sup>2</sup>	Cobb 3 min	ISO 535		≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	≤50	
Off-flavour (Robinson test)	12 months in original package	EN 1230-2		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	

Tolerances, when specified, are based on 95% confidence limits on single mill measurements of random samples measured in manufacturing conditions. Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.