

# Niklakett Medium Design

by B & B

**Striking, voluminous & harmonious**  
Niklakett Medium Design – full of surprises

White, semi-matt embossed label paper, excellent ink retention in washing solution, excellent printing results in offset, special effects with metallic inks, high strength. With functional coating on the reverse. High printing an highest labelling speed. Good climate stability.

Its special matt, embossed surface opens up an abundance of means to produce interesting print effects, with an intensity of colour and vibrancy that never cease to surprise.

Niklakett Medium Design conveys the tension between understated elegance and romantic expression. Its high volume ensures very good labelling results, and prevents the labelling glue running out.

This provides the marketer with impeccable product presentation every time. It can adopt a different personality by using different surface patterns, such as a damask or linen texture.

## Print Information

Very good results with offset and flexographic printing. Printing ink dries quickly

## Varnishing

Special effects with partial varnishing

## Finishing

Suitable for foil and relief stamping. Excellent stamping quality even for demanding shapes (neck labels).

## Labelling

Suitable for all common gluing systems. High labelling speed. Excellent glue consumption using functional coating on the reverse. Very good flatness characteristics. For one-way and returnable applications. The handling guidelines from the glue producer have to be followed to achieve optimum labelling results.

## Special features

Outstanding ink retention in washing plant. Fits without creasing when wet and under especially difficult conditions. Available in various embossing designs According guideline 94/62/EG.

## Service Information

Possibility for production min. 2-3 x/month

B&B has

ISO 9001, ISO 14001, HACCP and PEFC certification



property	unit	method					tolerance
Substance	g/m <sup>2</sup>	ISO 536		70	75	80	+/- 3%
Caliper	µm	ISO 534, single sheet measurement		84	88	94	+/- 5%
Brighthness	%	ISO 2470, R457 D65	CS	91	91	91	+/- 2
Opacity dry	%	ISO 2471		88	89	90	+/- 2
Opacity wet	%	According ISO 2471 5 minutes soaking time		71	72	74	- 2
Smoothness Bekk	Bekk sec.	ISO 5627	CS RS	< 30 < 30	< 30 < 30	< 30 < 30	guide number guide number
Cobb 60"	g/m <sup>2</sup>	ISO 535	CS RS	19 15	19 15	19 15	+/- 4 +/- 3
Tensile strength dry	N/15mm	ISO 1924-2	MD CD	55 42	58 42	60 42	- 10 - 7
Tensile strength wet	N/15mm	ISO 3781 10 minutes soaking time	MD CD	14 12	14 12	14 12	- 2 - 2
Resistance to penetration and come-off time in alkaline solution	Seconds	DIN 16524-6	PT COT	55 90	60 100	60 100	max. max.
Resistance to alkaline solution	Minutes	DIN 16524-7		60	60	60	min.
Climatic Curl 30 % relative Humidity				-1,00	-1,00	-1,00	guide number
Climatic Curl 50 % relative Humidity	cm	internal instruction QK/40		0	0	0	guide number
Climatic Curl 80 % relative Humidity				1,00	1,00	1,00	guide number
relative Humidity	%	Hygromer Rotronic		50	50	50	+/-5 at 23°C

Key: CS - coated Side  
RS - reverse Side  
MD - Machine Direction

CD - Cross Direction  
PT – penetration time  
COT – come-off time

Testing conditions :  
Standard climate EN 20187  
23° Celsius, 50 % relative Feuchte

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Label Management by B & B

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