

# Alukett Spezial

by B & B

**Radiant, dry & cool**  
Alukett Spezial – the cool one

**Excellent ink retention in the washing solution, wet strength and alkali resistant, high strength. With functional coating on the reverse. High printing and labelling speed.**

Alukett Spezial is a metallized label paper designed specifically for use in gravure printing. Its smooth, metallized surface conveys an impression of coolness, moving the beholder by the clarity and radiance of the inks on the label material.

The label designer can leave the surface smooth after the printing process, or, as it is often the case in gravure printing, influence the surface as required by inline embossing.

In both cases, when it comes to product design, the features of Alukett Spezial, radiant and cool, will give the beverage that it is decorating a refreshing character. Of course, Alukett is also technically perfected and can be used for both one-way and returnable bottles, fulfilling all requirements with regard to labelling and handling of returned bottles.

## Print Information

Very good results in gravure-, flexo- and offset printing with conventional inks for metallized paper.

## Varnishing

## Finishing

Suitable for foil and relief stamping. Very good stamping quality.

## 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

Very good ink retention and short come off time in washing solution.

According guideline 94/62/EG.

## Service Information

Standard format stock for small quantities up to 3 tonnes

Format: 72 x 102 71 g/m<sup>2</sup>

B&B holds ISO 9001, ISO 14001, ISO 50001 and HACCP certificates



**CERTIFIED**

ISO 14001:2004 No.00736/0  
ISO 50001:2011 No.00055/0  
ISO 9001:2008 No.00006/0  
HACCP ÖNORM EN 15593 No.00131/0

property	unit	method				tolerance
Substance	g/m <sup>2</sup>	ISO 536		68	71	+/- 3%
Caliper	µm	ISO 534, single sheet measurement		62	64	+/- 5%
Gloss Byk	GU	ISO 2813, 60°	CS	400	400	+/- 50
Smoothness Bekk	Bekk sec.	ISO 5627	RS	400	350	+150 / -100
Roughness PPS	µm	ISO 8791-4, 1000 kPa	CS	0,80	0,80	+/- 0,20
Cobb 60"	g/m <sup>2</sup>	ISO 535	RS	15	15	+/- 3
Tensile strength dry	N/15mm	ISO 1924-2	MD	55	55	- 10
			CD	39	39	- 7
Tensile strength wet	N/15mm	ISO 3781 10 minutes soaking time	MD	13	14	- 2
			CD	11	12	- 2
Resistance to penetration and come-off time in alkaline solution	Seconds	DIN 16524-6	PT	100	100	max.
			COT	180	180	max.
Resistance to alkaline solution	Minutes	DIN 16524-7		60	60	min.
Climatic Curl 30 % relative Humidity	cm	internal instruction QK/40		-1,00	-1,00	guide number
Climatic Curl 50 % relative Humidity				0	0	guide number
Climatic Curl 80 % relative Humidity				1,00	1,00	guide number
relative Humidity	%	Hygromer Rotronic		50	50	+/-5 at 23°C

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

GU – Gloss units  
PT – penetration time  
COT – come-off time

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

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Label Management by B & B

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LABELS AND FLEXPAC