



## PRINTING TECHNIQUES

Excellent print quality due to high white half matt coated, high quality paper liner and unique product structure:

UV digital flat bed | silk screen printing | offset printing (1.18 mm)

## CUTTING TECHNIQUES

Good cutting quality with light cutting edge:

Digital plotter | laser cutter | die-cutting | guillotine

## SPECIFICATIONS

Thickness	g/m <sup>2</sup>	Lamination
1.18 mm	725	2 sides
1.6 mm	910	2 sides
2.0 mm	1125	2 sides
3.0 mm	1495	2 sides
5.0 mm	2320	2 sides

KATZ DISPLAY BOARDS have been successfully printed and cut on:

UV digital flatbed



offset printing



digital cutting



## ADVANTAGES

### PRINTING:



brilliant colours



good contrasts



best flatness  
and fast ink curing



very good saturation



good contour  
& depth definition



printable on both sides

### HANDLING:



low weight



no electrostatic  
charge or discharge



dimensionally stable



easy disposal

## VERSATILE APPLICATION OPTIONS



POS applications: signage, displays,  
shop design & decoration



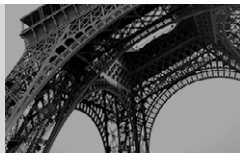
arts & crafts



advertising material  
(flyers, postcards)

Ball & Doggett

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#KATZDISPLAYBOARD  
@DISPLAYANDVISUAL



# VISION

PLASTIC-FREE  
POINT OF SALE

KATZ DISPLAY BOARD  
— best for digital printing —

**THERE IS  
NO  
PLANET B**





# PLASTIC-FREE: THERE IS NO PLANET B



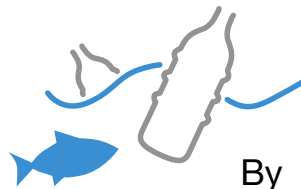
It takes more than **18 GENERATIONS** for foam board to break down in the environment.

Plastic is harmful to our health and can have **CARCINOGENIC** effects over the long term. It may also cause mutations in human genes and cause infertility.



Manufacturing **2 TONS OF PVC** requires as much energy as a typical two-person household consumes over the course of an entire year.

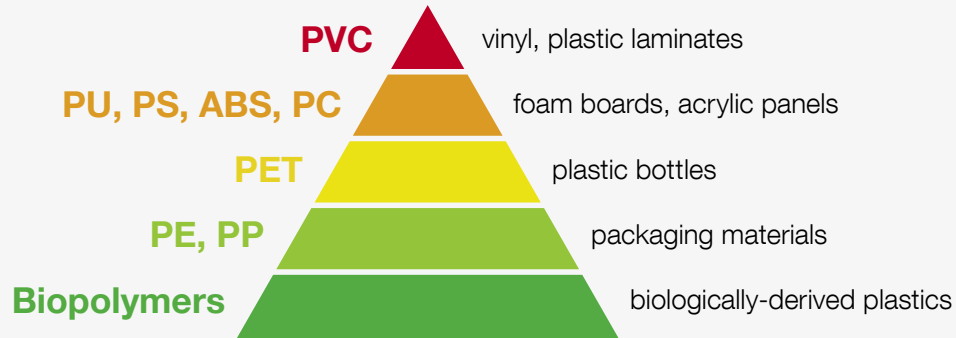
**12%** of the world's **PLASTIC WASTE** is incinerated, and only **9%** is recycled — **9%** in most cases just once.



By **2050** experts predict there will be **3X** more **PLASTIC** in the world's oceans than fish.

# NATURAL MATERIALS INSTEAD OF PLASTIC

Producing and disposing of synthetic materials such as PVC and foam board has a negative impact on the environment.



In contrast, KATZ DISPLAY BOARDS protect the environment in the following ways:

- 🌿 Sustainable production processes
- 🌿 Natural, renewable resources
- 🌿 Easy to recycle as standard waste paper

# RECYCLING KATZ DISPLAY BOARD: IT'S NEVER A WASTE

## KATZ DISPLAY BOARD



Can simply be disposed of as standard waste paper (even printed boards)



No disposal costs, can even be sold to waste paper dealers\*



The perfect recycling loop: once a product reaches the end of its life, it can be made into a new product



KATZ DISPLAY BOARDS take approx. 1 year to break down in landfill  
→ eco-friendly option, especially in countries that do not have recycling systems in place

## PVC signage



Classified as hazardous waste for disposal purposes



Costs money to send to landfill or incineration sites



Harms the environment when sent to landfill, discarded in rivers or lakes, or incinerated (emissions)

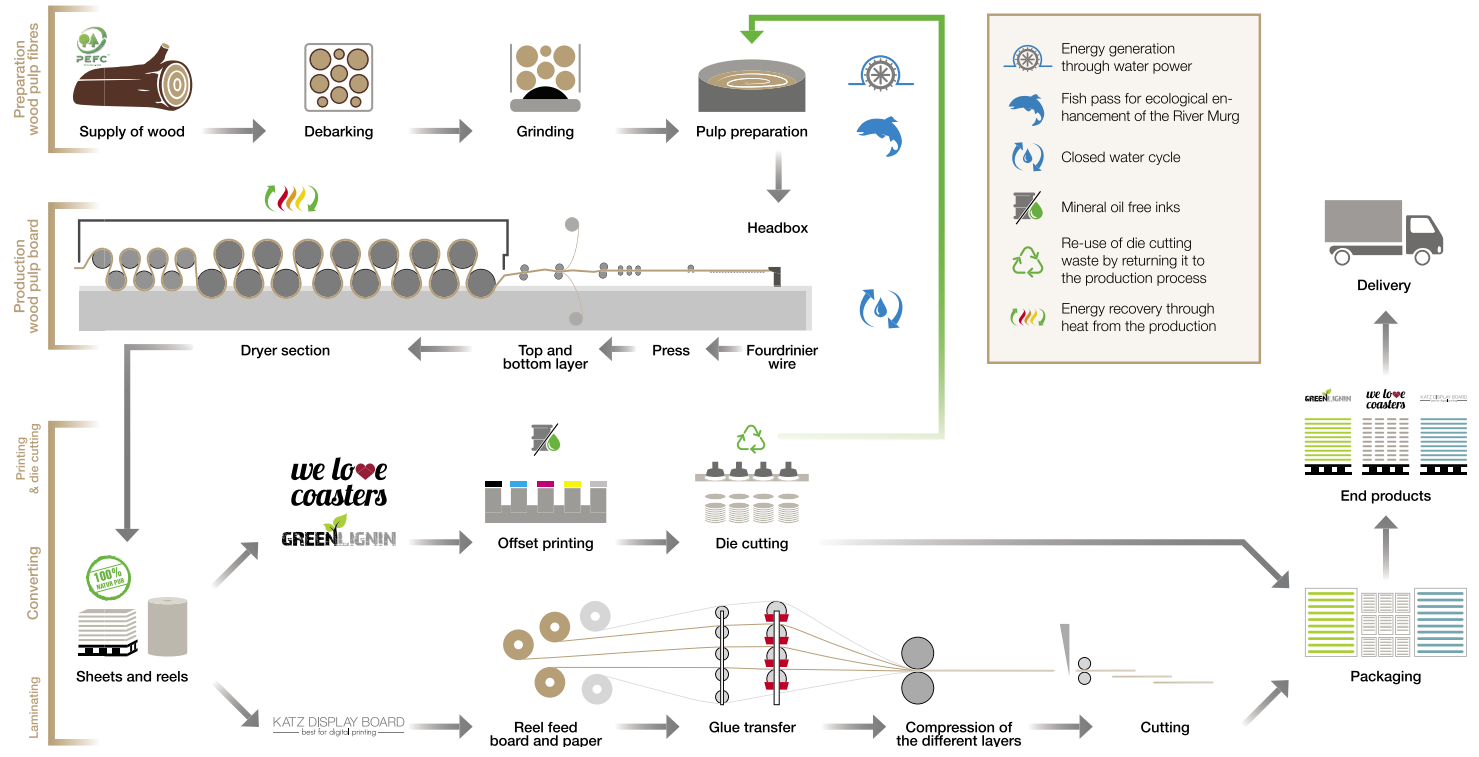


Foam boards take 450 years to break down in landfill sites

\*depends on recycling system in each region

# SUSTAINABLE PRODUCTION PROCESS FROM A-Z

We transform natural resources into eco-friendly display boards



# KATZ DISPLAY BOARD

— best for digital printing —

If you share our **VISION OF PROMOTING A PLASTIC-FREE POINT OF SALE**, then KATZ DISPLAY BOARD is the perfect media for your printing needs.



Brilliant print quality



Low weight



Printable on both sides



Excellent flatness makes it easy to process and use



Versatile converting options



Cheap and easy disposal

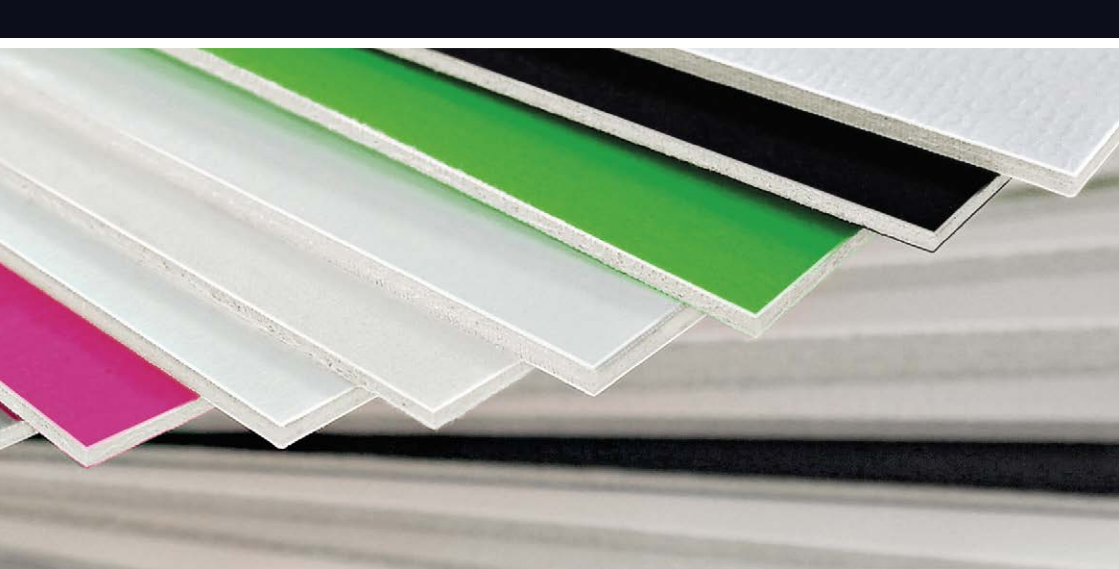




# KATZ DISPLAY BOARD

— best for digital printing —

PRODUCT CATALOGUE & EASY REFERENCE GUIDE



GLAZED OUTDOOR CANVAS FIX METALLIC UNLINED BLACK NEON AQUA-INK

[www.ballanddoggett.com.au](http://www.ballanddoggett.com.au)



## KATZ DISPLAY BOARDS – A GREAT CHOICE FOR FUNCTIONALITY AND MUCH MORE BESIDES...

KATZ DISPLAY BOARD is the premium substrate especially designed for digital printing. Whether used for POS signage, hanging display, interior design or free standing display units, KATZ DISPLAY BOARD offers versatile converting options.

KATZ DISPLAY BOARD glazed stands out due to its high white surface, excellent printing results and its dimensional stability. It is easy to handle, provides simple high quality processing and its natural product substances protect the environment and reduce disposal costs.

# KATZ DISPLAY BOARD

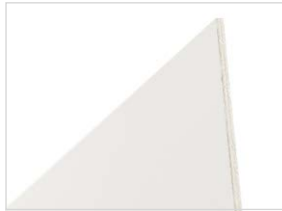
— best for digital printing —

glazed



Half matt coated illustration paper on both sides.

outdoor



Water resistant poster paper on both sides for short-term outdoor use.

canvas



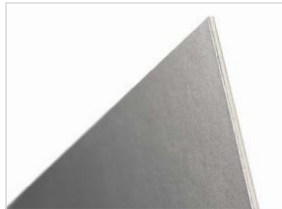
Liner with embossed canvas structure on both sides.

fix



Self adhesive craft paper. One or 2-sided available.

metallic



Metallic coated silver paper on both sides.

unlined



Ground wood pulp without liner.

black



Black dyed paper on both sides.

neon



Fluorescent coated paper on both sides.

aqua-ink



Poster paper on both sides for water based inks.

# Advantages

## PRINTING TECHNIQUES

UV digital flat bed | silk screen printing | offset printing (1.18 mm)

Excellent print quality due to high white, high quality paper liner and unique product structure:



brilliant colours



very good saturation



good contrasts



good contour  
& depth definition



best flatness  
and fast ink curing



printable on both sides

## CUTTING AND FOLDING OPTIONS WITH LIGHT CUTTING EDGE

Digital plotter | laser cutter | die-cutting | guillotine

## EASY HANDLING



low weight



dimensionally stable



no electrostatic  
charge or discharge



easy disposal: production  
residues or printed end pro-  
ducts are 100 % recyclable  
in paper waste

## VERSATILE APPLICATION OPTIONS



POS applications: signage, displays, shop design & decoration



advertising material (flyers, postcards)



arts & crafts

KATZ DISPLAY BOARDS have been successfully printed and cut on:

### UV digital flatbed

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### offset printing

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### digital cutting

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## Product Selector: applications\*

	Indoor	Outdoor (maximum of 12 weeks)	Hanging signs/signage	POS/POP displays	Promotional items i.e. flyers, brochures	Photo applications	Lamination: manual or mechanical	Creative work   arts & crafts i.e. model making, presentation	Shop & interior design	Exhibition design & stands	Construction & furniture
glazed	x		x	x	x	x		x	x	x	x <sup>1</sup>
unlined	x		x		x			x	x		
outdoor		x	x	x	x				x	x	
canvas	x		x		x	x		x	x		
fix	x		x		x <sup>2</sup>	x	x	x	x	x	
aqua-ink	x		x		x	x			x		
black	x		x		x	x		x	x	x	
neon	x		x		x			x	x	x	
metallic	x		x		x	x		x	x	x	

\* These are examples and not subject to exclusivity. We recommend checking specific requirements for each application in advance. <sup>1</sup> 3.0 & 5.0mm <sup>2</sup> one sided



	Digital cutting			Further cutting options					Printing options				Further processing options			
	Through cut	Half through cut	V-Cut (i.e. for folding)	Laser cutting	Guillotine	Punching   die-cutting	Manual cutting (cutter knife)	Routing	Digital UV printing	Offset printing	Screen printing	Painting	Drilling	Laminating	Creasing i.e. for folding	Processing waste recycling in paper waste
glazed	x	x	x	x	x	x	x	(x)	x	x <sup>1</sup>	x	(x)	x	x	x <sup>2</sup>	x
unlined	x	x	x	x	x	x	x	(x)	x	x	x	(x)	x	x		x
outdoor	x	x	x	x	x	x	x	(x)	x		x	(x)	x	x	x <sup>1</sup>	x
canvas	x	x	x	x	x	x	x	(x)	x	x <sup>1</sup>	x	x	x	x		x
fix	x	x	x		x	x	x	(x)	x		x	(x) <sup>3</sup>	x	x		x <sup>4</sup>
aqua-ink	x	x	x	x	x	x	x	(x)	x		x	(x)	x	x	x <sup>1</sup>	x
black	x	x	x	x	x	x	x	(x)	x		x	(x)	x	x	x <sup>5</sup>	x
neon	x	x	x	x	x	x	x	(x)	x	x <sup>1</sup>	x	(x)	x	x	x <sup>5</sup>	x
metallic	x	x	x	x	x	x	x	(x)	x	x <sup>1</sup>	x	(x)	x	x	x <sup>5</sup>	x

\* All processing recommendations are based on our experiences and may differ from machine to machine.

<sup>1</sup> 1.2 mm <sup>2</sup> 1.2 mm | 1.6 mm <sup>3</sup> one sided <sup>4</sup> without silicone cover paper <sup>5</sup> 1.6 mm (X) = limited

KATZ DISPLAY BOARD is a natural product. To reduce climatically caused paper problems or deviations to the properties of KATZ DISPLAY BOARD, we recommend the following:

### STORAGE & PROCESSING RECOMMENDATIONS



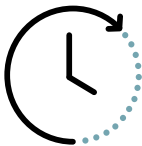
Ideal storage & converting conditions:

- temperature: 18 - 22 °C (64 - 72 °F)
- relative humidity: 45 - 55 %



Storage:

- in dry, air conditioned warehouse
- flat in horizontal position
- no high temperature & humidity changes
- no direct sunlight



Before Processing:

Leave originally packed product for at least 48 hours in the production hall.



Recommendation to process the board within 1 year from the time of production.

## HANDLING RECOMMENDATIONS



Wearing white cotton gloves avoids fingerprints and protects the surface.



Never hang signs with hangers slanted inwards.



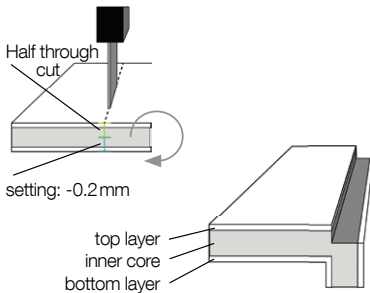
Hanging hangers must be slanted outwards.



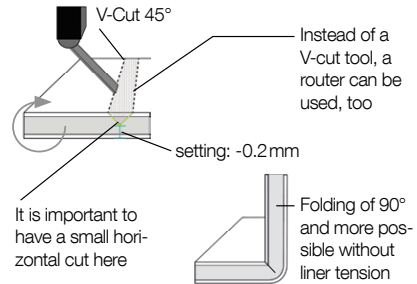
Production residues or printed end products are 100% recyclable in paper waste.

## CUTTING AND FOLDING OPTIONS

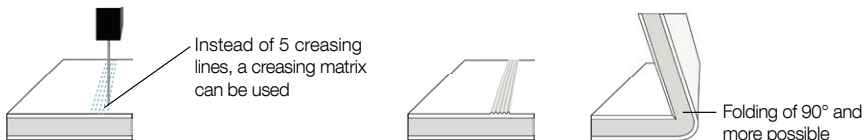
### 1. Half through cut



### 2. V-cut with gap



### 3. Creasing



Standard product range



KATZ DISPLAY BOARD **glazed**

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.18 mm	800 x 1200 mm 1220 x 2440 mm	Half matt coated illustration paper	725	2 sides	250 400	Yes
1.6 mm	800 x 1200 mm 1220 x 2440 mm	Half matt coated illustration paper	910	2 sides	250 325	Yes
2.0 mm	800 x 1200 mm 1220 x 2440 mm	Half matt coated illustration paper	1125	2 sides	250 250	Yes
3.0 mm	800 x 1200 mm 1220 x 2440 mm	Half matt coated illustration paper	1495	2 sides	250 200	Yes
5.0 mm	800 x 1200 mm 1220 x 2440 mm	Half matt coated illustration paper	2320	2 sides	150 100	Yes

\* Other formats and thicknesses are available on request.

KATZ DISPLAY BOARD **outdoor**

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.2 mm	800 x 1200 mm 1220 x 2440 mm	Water resistant poster paper	655	2 sides	250 400	Yes
2.0 mm	800 x 1200 mm 1220 x 2440 mm	Water resistant poster paper	1055	2 sides	250 250	Yes

\* Other formats and thicknesses are available on request.

## Standard product range\*

### KATZ DISPLAY BOARD unlined

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.6 mm	800 x 1200 mm 1220 x 2440 mm	Ground wood pulp without liner	640	-	544 513	Yes
2.0 mm	800 x 1200 mm 1220 x 2440 mm	Ground wood pulp without liner	800	-	435 410	Yes

\* Other formats and thicknesses are available on request.

### KATZ DISPLAY BOARD canvas

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
2.1 mm	800 x 1200 mm	Liner with embossed canvas structure	1065	2 side canvas	250	Yes

\* Other formats and thicknesses are available on request.

### KATZ DISPLAY BOARD aqua-ink

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.2 mm	800 x 1200 mm	Poster paper for water based inks	705	2 sides	250	Yes

\* Other formats and thicknesses are available on request.



KATZ DISPLAY BOARD **fix**

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.8 mm	800 x 1200 mm 1220 x 2440 mm	Self adhesive craft paper and half matt coated illustration paper	1050	1 side self adhesive; 1 side glazed	250 250	Yes
2.0 mm	800 x 1200 mm 1220 x 2440 mm	Self adhesive craft paper	1190	2 sides self adhesive	250 250	Yes

\* Other formats and thicknesses are available on request.

KATZ DISPLAY BOARD **black**

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.6 mm	610 x 860 mm	Black dyed paper	790	2 sides	250	No

\* Other formats and thicknesses are available on request.

KATZ DISPLAY BOARD **neon** (Available colors: fluorescent green / pink / yellow / orange)

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets / pallet	Box packaging
1.6 mm	610 x 860 mm	Fluorescent coated paper	792	2 sides	250	No

\* Other formats and thicknesses are available on request.

KATZ DISPLAY BOARD **metallic**

Thickness	Sizes	Liner	g/m <sup>2</sup>	Lamination	Sheets/pallet	Box packaging
1.6 mm	800 x 1200 mm 1220 x 2440 mm	Metallic coated silver paper	852	2 sides	250 325	Yes

\* Other formats and thicknesses are available on request.

BOX PACKAGING

Box packaging is available for the standard format 1220 x 2440 mm. The number of sheets per box varies depending on the thickness of the KATZ DISPLAY BOARD:

	1.2 mm	1.6 mm	2.0 mm	3.0 mm	5.0 mm
Number of sheets / box	35	25	20	13	8
Number of boxes / pallet	10	10	10	10	10
Number of sheets / pallet	350	250	200	130	80



## BESTSELLER BOX

The Bestseller Box contains our latest product innovations and the KATZ DISPLAY BOARD bestsellers. The box is available in the standard format 800 x 1200 mm and the following product range is included:

KATZ DISPLAY BOARD	Thickness	Number of sheets / box
glazed	1.2 mm	2
glazed	1.6 mm	2
glazed	2.0 mm	2
glazed	3.0 mm	2
glazed	5.0 mm	2
canvas	2.1 mm	2
metallic	1.6 mm	2
fix one sided self-adhesive	1.8 mm	2
outdoor	1.2 mm	1
outdoor	2.0 mm	1



# KATZ DISPLAY BOARD

— best for digital printing —



**Ball & Doggett**

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