

# A pro's guide to photo prints on Alu-dibond

The way for professional photographers to get the best results out of Alu-dibond

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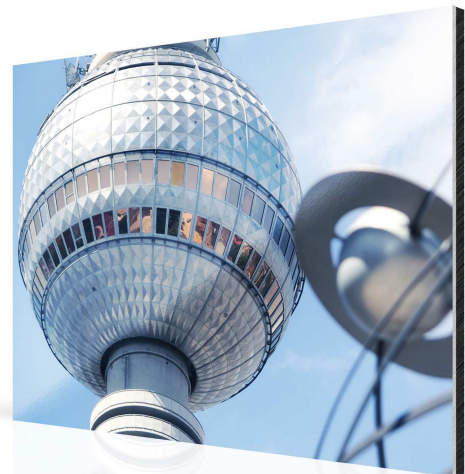
## Alu-Dibond

Alu-Dibond is highly praised by professional photographers as a modern photographic medium. It's not only valued as modern, the material itself is extremely high grade and robust. The outstanding print quality on Alu-Dibond has led to the use of this prized material for many photography exhibitions.

Photo prints on Alu-Dibond are available in the aluminium styles metallic/brushed, or pure white/semigloss. Brushed aluminium dazzles with its metallic finish and lightly structured surface, which give it a timeless look.

### Alu-Dibond technical details

- Aluminium sheet 0,3 mm double-sided
- Polyethylene binding core
- Material thickness: 3 mm in total
- Weight: 3.8 kg/m<sup>2</sup>
- Maximum print format: 2500 x 1250 mm
- Fire performance class DIN 4102-2: B2
- Available styles: pure white/semigloss and metallic/brushed



## Alu-Dibond material properties

+ Plus	- Minus
perfectly suitable for print	large file requirements
weatherproof	"Metallic" style requires heightened brightness
highly dimensionally stable	
high grade material quality	

## Over 100 available sizes

Alu-Dibond is available in any imaginable size. The maximum format is 250 x 125 cm for both styles, and can be produced to the millimetre in any possible dimensions within 6 working days.

Standard sizes (available with our 24h service):

<b>Square 1:1</b>	<b>Digital format 4:3</b>	<b>Classic format 3:2</b>
20 cm    20 cm	40 cm    30 cm	30 cm    20 cm
40 cm    40 cm	60 cm    45 cm	45 cm    30 cm
60 cm    60 cm	80 cm    60 cm	60 cm    40 cm
80 cm    80 cm	100 cm    75 cm	90 cm    60 cm
100 cm    100 cm	120 cm    90 cm	120 cm    80 cm
120 cm    120 cm		
<b>Portrait format 5:4</b>	<b>Panoramic format 2:1</b>	<b>Panoramic format 3:1</b>
75 cm    60 cm	80 cm    40 cm	60 cm    20 cm
100 cm    80 cm	120 cm    60 cm	120 cm    40 cm
	150 cm    75 cm	150 cm    50 cm

Production format: minimum 20 x 20 cm, maximum 250 x 125 cm

## Product variations

Alu-Dibond is available in two styles. The most exact colour reproduction is achieved with the style pure white/semigloss. The metallic/brushed style offers an unusual surface and material structure, which can be used for highly artistic results. Both variations come as standard in 3 mm.

Standard variations:

- 3 mm pure white/semigloss
- 3 mm metallic/brushed

## File requirements

The minimum resolution for Alu-Dibond is 150 DPI, the optimal resolution 300 DPI.

Resolution requirements for popular Alu-Dibond formats:

		Pixels at 150 DPI		Pixels at 300 DPI	
		Length	Width	Length	Width
<b>Square 1:1</b>					
60 cm	60 cm	3500	3500	7100	7100
80 cm	80 cm	4700	4700	9400	9400
100 cm	100 cm	5900	5900	11800	11800
120 cm	120 cm	7100	7100	14200	14200
<b>Digital format 4:3</b>					
80 cm	60 cm	4700	3500	9400	7100
100 cm	75 cm	5900	4400	11800	8900
120 cm	90 cm	7100	5300	14200	10600
<b>Classic format 3:2</b>					
60 cm	40 cm	3500	2400	7100	4700
90 cm	60 cm	5300	3500	10600	7100
120 cm	80 cm	7100	4700	14200	9400
<b>Portrait format 5:4</b>					
75 cm	60 cm	4400	3500	8900	7100
100 cm	80 cm	5900	4700	11800	9400
<b>Panoramic format 2:1</b>					
80 cm	40 cm	4700	2400	9400	4700
120 cm	60 cm	7100	3500	14200	7100
150 cm	75 cm	8900	4400	17700	8900
<b>Panoramic format 3:1</b>					
60 cm	20 cm	3500	1200	7100	2400
120 cm	40 cm	7100	2400	14200	4700
150 cm	50 cm	8900	3000	17700	5900

## Production process for Alu-Dibond photos

Alu-Dibond photos are produced with 2 different processes. With direct printing, a photo is printed directly onto Alu-Dibond. With laminating, a photo printed on poster or photo paper is adhesively fixed to the aluminium sheet. Direct prints have the advantage of being long-lasting and having a direct connection between colour and medium. Unlike a laminated image, there is no way the image could wear off the medium.

The laminating production process has the advantage that the medium is an exposure on photo paper. It is to this day still the standard reference for the reproduction of high quality photography, even though the quality of direct printing these days is almost at par.

Laminating is also not worth considering for use on brushed Alu-Dibond, as the process would cover its unique surface structure.

**PROFESSIONAL TIP:** By printing on brushed aluminium the image becomes darker because of the metallic aluminium surface. You can balance this by increasing your image's brightness by 10 degrees before transferring.

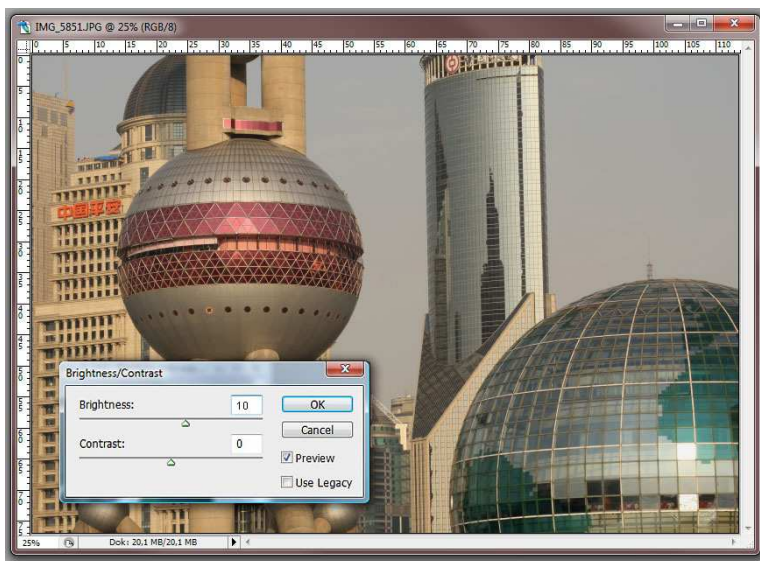


Figure: Brightness correction significantly improves the resulting print on brushed aluminium.

## Transport & delivery

Alu-Dibond is a highly valuable product to transport, which has to be carefully delivered. To deliver a photo on Alu-Dibond across Europe, it must be securely packaged and professionally transported.

As a rule there are two types of logistics when internationally transporting acrylic glass photos. Courier services support formats up to 100 x 100 cm. Couriers are able to deliver to anywhere in Europe as a 24 hour service.

All Alu-Dibond large formats upwards of 100 x 100 cm are delivered with a forwarder. This service is slower than courier services, but offers the delivery of Alu-Dibond photos in extra large sizes. Even delivered as a 48-hour service within Germany.

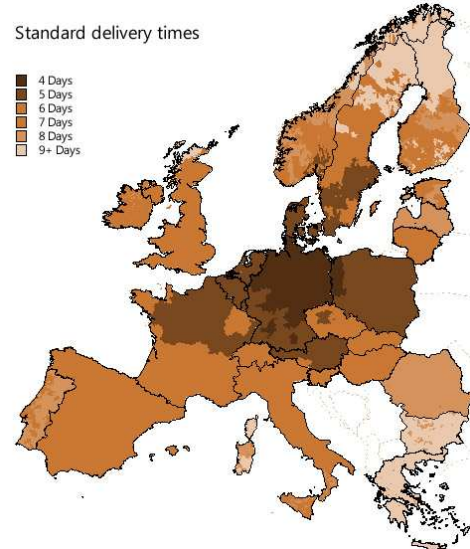


Table of delivery times in working days

Product	24h*	Express*	Standard
Canvas	1 Day	2-3 Days	4 Days
Poster	1 Day	2-3 Days	4 Days
Forex	1 Day	3-4 Days	5 Days
Acrylic glass	1 Day	3-4 Days	5 Days
Alu-Dibond	1 Day	3-4 Days	5 Days
Premium Composite	--	7-9 Days	11 Days

\* 24h and express deliveries are available for standard formats up to 120 x 90 cm. The order must be received before 12:00 pm for delivery on the next working day.





Figure: Photo print on Alu-Dibond pure white 240 x 80 cm

As a registered professional photographer, use this code for a 10% discount on your first order at XXLPIX, the leading producer of premium quality Alu-Dibond photo products:

**10%  
DISCOUNT**

Single-use code

**GFPTEST10**

**Voucher**

Only available for professional photographers. The discount will automatically be made when voucher code is used.

**XXLP!X®**

Redeem code on [www.xxlpix.net](http://www.xxlpix.net)

Checklist before ordering

# 7 Tips

to get the perfect Alu-Dibond print out of your photo:

WHAT TO LOOK OUT FOR	✔ done
1. Is the image size sufficient? (See resolution table)	<input type="checkbox"/>
2. JPEG file saved in the highest quality?	<input type="checkbox"/>
3. Colour space set to RGB/CMYK or greyscale (for B&W prints)?	<input type="checkbox"/>
4. Material variety chosen? (pure white or brushed metallic)	<input type="checkbox"/>
5. Standard or special format? (Alternatively request special format: <a href="mailto:service@xxlpix.net">service@xxlpix.net</a> )	<input type="checkbox"/>
6. Mounting method planned?	<input type="checkbox"/>
7. Which kind of delivery do you need? (24h, Express or Standard)	<input type="checkbox"/>

*Do you need uncomplicated support?*



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