

Toner
Water
(eco) Solvent
UVgel / UV
Latex

# IJM613 Outdoor Paper Blue Back

## FSC® 130 g/m<sup>2</sup>

### Product Description

White, highly opaque; blue backed outdoor paper with a barrier coating, which has been specially developed for printing with solvent, latex and UV-curable inks.

### Physical Properties

Weight	130 g/m <sup>2</sup>	ISO 536	Chromaticity L*a*b (D50 2°)	94.3* 1.3* -4.4	ISO 13655
Thickness	150 μm	ISO 534	Opacity	> 98 %	ISO 2471
			Gloss 85°	51	DIN 67530

All values listed are target values

### Applications/features

Indoor/Outdoor signage and advertising  
Excellent wet strength  
Good colour saturation and edge definition  
Billboard applications

Excellent pasting properties  
High mechanical stability in a high humidity environment  
The blue back coating prevents view through of underlying images

### Available Widths (mm)

3"core	1067	1270	1372	1600						
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### Storage Conditions

Temperature 10-30°C, Relative Humidity 20-80%  
Repack opened rolls when not in use. Allow material to adapt to room conditions for 24 hours before printing

### Print Conditions

Best results between 15°-25° C and 30-70% RH

### Environment, Health & Safety

No Material Safety Data Sheet required  
Waste can be handled as paper waste

### Lamination Compatibility

Cold	Warm	Hot	Cold: pressure sensitive
yes	yes	no	Warm: heat activated: 85°C - 95°C
			Hot: heat activated: 105°C -130°C

### Outdoor Use

This paper was designed for outdoor application. The material can be applied for short-term outdoor use without any lamination.

### Colour Profiles

Canon develops high-quality colour profiles for media / ink / printer / RIP combinations.  
Check availability of profiles for your printer on [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

### Environmental Certification



## Processing Guidelines

### Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing. It is recommended to handle the media with cotton gloves. Make sure that the media comes not into contact with grease, oil, silicon, and dirt to avoid printing defects.

Load the media with care in the printers. Incorrect loading can cause skewing or creasing. Use a take-up device is recommended.

It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer/ink combinations.

The ink limit, i.e. the maximum amount of ink, should be adjusted depending on the printer, ink, RIP software. This limitation of the amount of ink shortens the drying time and consequently accelerates the production process.

Canon media profiles include recommended settings for ink restrictions and printer parameters. Depending on fluctuations in environment, printer, ink, media and applications, printer parameters may have to be adjusted slightly, in order to obtain the best results. For high-speed production printing, using an external drying unit is recommended.

### Finishing guidelines

This paper can be pasted as a billboard paper. The most important criteria is the right preparation of the billboard poster. After wetting the wet paper should be put air tight into a plastic bag (or into a box). It is important that IJM613 prints have the possibility to soak through completely before pasting.

We recommend to keep the IJM613 Paper wet for at least eight hours. Longer periods of time don't have any negative impact on the paper. The user is responsible for appropriate microbiological precautions.

Many standard pastes can be used, Henkel UST 2500N Zellura adhesive has been tested.

Overlapping should be carried out with enough glue on the overlapped printed part. Water resistant wood glue can be added for better adhesive strength. It is advisable to protect the edges and corners if the billboard hoarding is regularly cleaned. Additives like anti-freeze (e.g. glycols) will have a negative effect on the final pasted image.

The "wet" pasting method is not recommended for prints with UVgel/UV inks. Use the dry pasting method instead: apply the glue on the back of a dry print and on the billboard. Wait for a few minutes and then apply the print billboard. Applying glue on the front of the poster is not recommended, as this may result in damage to the print. Starch-based glues can be used. Some well-known glues in this category are: Henkel Zellura and Avebe Solvicol.

In the event that the paper is exposed to severe climatic conditions, or if it needs to be used for a longer period (> 3 months) of time, lamination is recommended.

Standard disclaimer:

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