

Fine Art Papers

Toner
<b>Water</b>
(eco) Solvent
UV Curable
Latex

# IJM272C Fine Art Superior Smooth Cotton Paper 320 g/m<sup>2</sup>

**Product Description**

A heavyweight cotton paper with a luxurious feel, for classical art prints. No optical brighteners added, the acid-free paper base is made of 100% cotton. Together with the special coating it provides perfect sharpness, superior detail reproduction and excellent durability. This paper is Paper aging FOGRA certified.

**Physical Properties**

Thickness	490 µm	ISO 534	Opacity	> 98 %	ISO 2471
Weight	320 g/m <sup>2</sup>	ISO 536	Brightness D65	75 CIE	ISO 2470-2
Chromaticity I*; a*, b*	96; 0; 3.3	ISO 13655	Paper ageing resistance cert.	Fogra 28800	ISO9706

( All values listed are target values

**Applications/features**

Fine Art prints	100% cotton base
Portfolio prints	Smooth matt finish
Museum, exhibitions prints	Acid free
Art reproductions	No optical brighteners
Superb black and white, sepia prints	Quick drying and excellent flatness, even with high ink usage
	Damp and water resistant
	Fogra 28800 Certified (ISO9706)

**Available Widths (mm)**

3"core	610																		
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Refer for our current offering to [www.canon-europe.com/mediaguide](http://www.canon-europe.com/mediaguide)

**Storage Conditions**

Temperature 10-30°C, Relative Humidity 35-65%  
 Repack opened rolls when not in use.

**Print Conditions**

Best results are obtained between 15-25°C and 30-65% RH.  
 Higher humidity will increase drying time. Low humidity may cause curling.

**Environment, Health & Safety**

No Material Safety Data Sheet required.

**Lamination Compatibility**

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

**Outdoor Use**

This paper is not suitable for outdoor use.

**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**



ISO 9706

## Processing Guidelines

### Printing guidelines

Take great care when handling the material. Avoid touching the side to be printed and hold the material by the edges. We recommend that cotton gloves are worn to prevent the transfer of dirt, moisture and oils from the skin, as this can seriously impair the print quality.

Avoid folding, bending or rolling the material as this can cause problems in your printer.

Excess moisture or unsuitable temperatures can affect the flatness of the products and impede transport through the printer. This is not due to a product defect but is caused by the paper or cotton base material which tend to have a stronger reaction to atmospheric and climatic conditions than for example PE photo papers.

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

Ink restrictions and printer settings have to be set for specific printer-ink combinations to obtain the best results. Canon colour profiles will set recommended ink restrictions and printer-settings for Canon supported printers.

Best results are obtained when printing on top quality photo printers using water based dye or pigmented inks. Pigmented inks are particularly recommended due to their high fade resistance. During printing paperdust may be produced. This can be easily removed by running an uncoated standard paper through the printer.

### Application guide lines

Prints will feel dry immediately after print but this can be deceiving. However, the prints should be allowed time to dry so that moisture from deeper levels can escape. Please note that the drying time is highly dependent on the ambient conditions and the

type of ink. Pigmented inks require longer.

A drying period of approx. 24 hours or at the very least overnight ensures sufficient drying which enables further processing of the material without any problems.

Do not use a hair dryer or direct sunlight to dry the prints quicker.

As with all photographic papers and inkjet media, prints should not be exposed to direct sunlight, humidity or extreme temperatures as this can have a negative effect on both picture and colour quality. We recommend the use of albums, folders or glass frames to ensure stored or exhibited printed sheets do not come into direct contact with air.

Adhesive tapes, plastic films, folders or furniture containing solvents may diffuse particles which can also change the durability and fastness of the print colour quality.

The fastness of the picture itself depends mainly on the inks used. Prints should only be stored or displayed indoors.

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