

Coated paper

Water

Oil

UV curable

Océ | IJM150 Océ SmartMatt Paper FSC 170 g/m²

Product information

Product description

Barrier coated paper for matt full colour applications and technical drawings. Matt bright white pre-treated base coated with an inkjet-receptive layer on one side and a balance coating on the reverse side.

Physical Properties

Weight	170 g/m ²	ISO 536	Thickness	182 µm	ISO 534
Opacity	96	ISO 2741	Whiteness CIE	120	Elrepho 3000
Stiffness MD/CD	1,43 / 0,87		L, a*, b*, values	94,0 0,7 -7,5	Elrepho 3000
Smoothness	> 70	ISO 5627			L: D65/10 XLAV

Applications / Features

Indoor signage (posters, points of purchase)
For presentations and exhibitions
For high-quality CAD and GIS mapping

Short drying time
Bright white base
Easy to feed and to laminate
FSC environmentally certified

Available

Widths (mm)

2" Core:	610	914	1067	1270	1370	1524	3" core:	914	1370
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Storage Conditions

Shelf life: 1 year
Temperature 10-30°C Relative Humidity 20 - 70%
Repack opened rolls when not in use

Print conditions

Best results are obtained between 15-25°C and 30-65% RH.

Environment, Health & Safety

No Material Safety Data Sheet required.
Paper waste suitable for recycling in most countries. Please refer to local paper recycle station.

Printer

Compatibility

DG Printers Water-based	Ink	Rating	Remarks
Océ 5350-600	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
Océ CS 5050/5070/5090	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
Encad NJ 500/630/700/850	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
HP 2x00/3x00/5000/5500	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
HP Z 2100/3100/6100	Pigment	3	
Epson 7x00/9x00/10000	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
Epson 4800/7800/9800/7600/9600	Ultrachrome	3	
Mutoh 4000/6000, Roland HiFi Jet, RGI Bellise	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
Kodak 3000 series, Agfa Sherpa, Mimaki JV	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
Canon 7200/8200/6400D/8400D	Dye	3	
Canon 6400/8400/iPF8000/ iPF9000/iPF5000/iPF5100/iPF6100	Pigment	3	
ColorSpan DM series, Agfa Montana	Dye / Pigment	3/3	With dye ink accelerated fading of magenta might occur
CAD Printers		Rating	
Océ TCSx00		3	
Océ 5150 5200 CS20x4 CS2136		3	Setting: other
HP DJ110/4500/4000/750C/ 500/800/1050		3	Setting: High Gloss Photo

3 = excellent 2 = fair 1 = not recommended

Lamination compatibility

Hot	Warm	Cold	
1	3	3	Hot, heat activated: 105°C - 130°C
			Warm, heat activated: 85°C - 95°C
			Cold, Pressure sensitive laminate

3 = excellent 2 = fair 1 = not recommended

Outdoor use

Product is designed for indoor use. Limited outdoor use possible. For details see next page.

Colour Profiles

Océ develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on the download section of www.oca.com.



Mixed Sources

Product group from well-managed forests and other controlled sources
www.fsc.org Cert no. SCS-COC-00856
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Processing Guidelines

Printing guidelines

Side to be printed is the outer side of the roll. Best results between 18 – 25 °C and 20 – 60 %RH.

Ensure that the material stays flat in the printer during printing; weighing front corners down with alligator clips attached to a weight will prevent head strike

Let the image dry for at least 3 hours before getting the image wet or to expose to outdoor conditions.

Only for indoor use when printed with Dye ink.

Lamination guidelines

Excellent adhesion for mounting and encapsulation applications.

