

Water
Oil
Solvent

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. Economical “photo paper”.

Physical Properties

Weight	120 ± 6 g/m ²	ISO 536	Whiteness CIE	120± 10	Elrepho 3000
Opacity	>91 % Elrepho 3000	ISO2471	L, a*,b* values	94 0,7 -7,5	Elrepho 3000
Thickness	132 ± 8 µm	ISO 534			

Applications / Features

Indoor signage (posters, points of purchase)	Short drying time
For presentations and exhibitions	No cockling due to barrier layer
For high-quality CAD and GIS mapping	Foldable
For short-term outdoor applications (pigmented outdoor inks)	Water-repellent/resistant for limited periods (with outdoor inks)
	Easy to feed and to laminate
	FSC environmentally certified

Available Widths (mm)

2" core: 914 1067 1270 1372 1524 Refer to our current offering on www.oce.com.

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	Ink	Rating	Remarks
Océ 5350-600	Dye / Pigment	3/2	Dye ink: accelerated fading of magenta might occur
Océ CS 5050/5070/5090	Dye / Pigment	3/2	Dye ink: accelerated fading of magenta might occur
Encad NJ 500/630/700/850	Dye / Pigment	3/2	Dye ink: accelerated fading of magenta might occur
HP 2x00/3x00	Dye / Pigment	3/3	Dye ink: accelerated fading of magenta might occur
HP 5000/5500	Dye / Pigment	3/3	Dye ink: accelerated fading of magenta might occur
Epson 7x00/9x00/10000	Dye / Pigment	3	
Epson 7600/9600	Ultrachrome	3	
Canon 7200/8200	Dye	3	
Mutoh 4000/6000, Roland HiFi Jet, RGI Bellise	Dye / Pigment	3/3	
Kodak 3000 series, Agfa Sherpa, Mimaki JV	Dye / Pigment	3/3	
ColorSpan DM series, Agfa Montana	Dye / Pigment	2/3	Dye ink: accelerated fading of magenta might occur
CAD Printers		Rating	
Océ TCS400		3	
Océ 5150		3	Setting: other
Océ 5200		3	Minor banding
HP 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

3= excellent 2= fair 1= not recommended

Outdoor Use Designed for indoor use. Limited outdoor use possible. For details see next page.



Processing Guidelines



Lamination guidelines

Excellent reverse side adhesion for mounting and encapsulation applications.

Encapsulation is recommended.

One-sided lamination may cause curl.

Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing.

The use of dye inks (e.g. Océ GC, Encad GX) can lead to premature fading of magenta.

This paper is developed to handle considerable inkloads, however inkloads above 240% and large composite black areas are not recommended.

Application guidelines

Although the material was not specifically designed for outdoor applications, it shows considerable water resistance when compared to other premium coated papers.

SmartMatt can be used for short-term outdoor applications (max 2 weeks) with outdoor/pigmented inks.

When using outdoor/pigmented inks, however, some loss of colour strength may be expected.

Lamination will extend the period of time.