

Coated paper

Water

Oil

UV curable

Océ | IJM150 Océ SmartMatt Paper 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 | ISO536 | Thickness | 182 µm | ISO534 |
| Opacity | 96 | ISO2741 | 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 | ISO5627 | | | 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

Available

Widths (mm)

| | | | | | | | | | |
|----------------|-----|-----|------|------|------|------|----------------|-----|------|
| 2"Core: | 610 | 914 | 1067 | 1270 | 1370 | 1524 | 3"core: | 914 | 1370 |
|----------------|-----|-----|------|------|------|------|----------------|-----|------|

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 |

3= excellent 2= fair 1= not recommended

Hot, heat activated: 105°C -130°C

Warm, heat activated: 85°C - 95°C

Cold, Pressure sensitive laminate

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.oke.com.



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.

