

TerraPrint Premium Gloss

TYPICAL END USES



Catalogues



Magazines



Brochures



Books



Leaflets

COLOUR PROFILE

- ☑ FOGRA 51
- ☑ PSO Coated v3

FINISH

- ☑ Gloss

PRINTING METHODS

- ☑ Sheetfed offset
- ☑ letterpress are suitable

TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m ²	80*	90*	100*	110*
Brightness	D65/10°	%	92	93	93	93
Whiteness	CIE, ISO 11476, C2°	%	98	99	99	99
L*	D65/10°		93	93	93	93
a*	D65/10°		1.7	1.8	1.9	2.0
b*	D65/10°		-8.8	-9.0	-9.2	-9.4
Opacity	D65/10°	%	95	96	97	97.5
Gloss Hunter	ISO 8254-1	%	61	64	64	64
Thickness	ISO 534	µm	66	73	82	91
Bulk	ISO 534	cm ³ /g	0.83	0.81	0.81	0.80
Smoothness	ISO 8791-4 PPS 1MPa	µm	0.9	0.8	0.82	0.82

Technical specifications are target values and may be subject to production variations.

*on request only



ENVIRONMENT

Renewable fibre
Recyclable paper
Recyclable packaging materials
Sustainable sources



PREPRESS

Screen rulings max 80 lines / cm (200 lines / inch), with care these limits can be exceeded. AM, FM and hybrid screens can be used



CERTIFICATES

EU Ecolabel
ISO 9001
ISO 14001
ISO 50001
ISO 45001
FSC® CoC
PEFC™ CoC

STORAGE AND HANDLING

- Store the paper in a humidity and temperature controlled area at 50% relative humidity and room temperature between 19°C and 23°C.
- If the paper is stored in a non - air conditioned warehouse, it is absolutely necessary to allow a stabilization period in the print room.
- Open the protective wrapping at the moment of use.



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TerraPrint Premium Silk

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Magazines



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Books



Leaflets

COLOUR PROFILE

- ☑ FOGRA 51
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FINISH

- ☑ Silk

PRINTING METHODS

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TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m2	65*	70*	75*	80	90	100*	110*
Brightness	D65/10°	%	94	94	94	94	95	95	95
Whiteness	CIE, ISO 11476, C2°	%	99	99	100	100	102	102	102
L*	D65/10°		94	94	94	94	94	94	94
a*	D65/10°		1.9	1.8	1.9	1.9	2.0	2.1	2.2
b*	D65/10°		-9.0	-9.0	-9.2	-9.2	-9.4	-9.6	-9.8
Opacity	D65/10°	%	92	93	94	95	96	97	97.5
Gloss Hunter	ISO 8254-1	%	30	30	30	30	33	34	34
Thickness	ISO 534	µm	64	67	72	77	86	95	105
Bulk	ISO 534	cm3/g	0.98	0.96	0.96	0.95	0.93	0.95	0.95
Smoothness	ISO 8791-4 PPS 1MPa	µm	2.0	2.0	2.0	2.0	1.9	1.9	1.9

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REEL SPECIFICATIONS

Screen rulings max 80 lines / cm (200 lines / inch), with care these limits can be exceeded. AM, FM and hybrid screens can be used



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TerraPrint Premium Bulk

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Brochures



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Leaflets

COLOUR PROFILE

- ☑ FOGRA 51
- ☑ PSO Coated v3

FINISH

- ☑ Matt

PRINTING METHODS

- ☑ Sheetfed offset
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TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m2	70*	80*	90*
Brightness	D65/10°	%	93	93	93
Whiteness	CIE, ISO 11476, C2°	%	99	100	101
L*	D65/10°		92	92	92
a*	D65/10°		2.0	2.0	2.0
b*	D65/10°		-8.5	-8.5	-8.5
Opacity	D65/10°	%	94.5	96	97
Gloss Hunter	ISO 8254-1	%	12	16	18
Thickness	ISO 534	µm	84	96	108
Bulk	ISO 534	cm3/g	1.2	1.2	1.2
Smoothness	ISO 8791-4 PPS 1MPa	µm	4.0	4.0	4.0

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TerraPrint Premium Matt

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TECHNICAL DATASHEET (TARGET VALUES)

Substance		g/m2	65*	75	80*	85*
Brightness	D65/10°	%	93	94	95	95
Whiteness	CIE, ISO 11476, C2°	%	98	100	101	101
L*	D65/10°		94	94	94	94
a*	D65/10°		1.8	1.9	2.0	2.0
b*	D65/10°		-8.9	-9.1	-9.3	-9.3
Opacity	D65/10°	%	92	94	95	96
Gloss Hunter	ISO 8254-1	%	18	20	22	22
Thickness	ISO 534	µm	76	85	90	95
Bulk	ISO 534	cm3/g	>1.05	>1.05	>1.05	>1.05
Smoothness	ISO 8791-4 PPS 1MPa	µm	4.0	4.0	4.0	4.0

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