

ISO 12647-2:2007

Premium coated (PS1) - Sheet-fed offset & Heatset Web-offset

BRAND	GRADE	FINISHING	PRINTING METHODE	SCREEN TYPE	ISO/ECI PROFILE	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
								L+	a*	b*	L+	a*	b*	
R4 Chorus	CWF	GLOSS	SFO	Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	0,7	-3,9	94,5	0,9	-5,0	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	0,7	-3,9	94,5	0,9	-5,0	moderate
		SATIN	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	95	0,9	-4,6	95,2	1,1	-5,6	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
R4 Next/Respecta	CWF	GLOSS	SFO	Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	1,6	-4,6	95	1,8	-6,1	moderate
		SATIN	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
R4 Web/Respecta Web	CWF	GLOSS	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				Analogue	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
				N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	1,6	-4,6	95	1,8	-6,1	moderate
		SATIN	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
Tecno Plus/EcoTecno Plus	CWF	GLOSS	SFO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	1,6	-4,6	95	1,8	-6,1	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
		SATIN	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
Tecno Plus Web/EcoTecno Plus Web	CWF	GLOSS	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94	1,3	-4,4	94	1,5	-5,9	moderate
				Analogue	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
				N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	1,6	-4,6	95	1,8	-6,1	moderate
		SATIN	HSWO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,5	1,6	-4,6	95	1,8	-6,1	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
Prisma Up	CWF	GLOSS	SFO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	95,6	1,5	-3,2	95,7	1,7	-5,1	moderate
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	96	1,5	-4,2	95,9	1,7	-6,3	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
		SATIN	SFO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	93,2	1,4	-6,1	93,4	1,6	-7,6	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
Chorus Art	CWF	GLOSS	SFO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,4	1,2	-4,9	94,5	1,5	-6,8	moderate
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	94,4	1,2	-4,9	94,5	1,5	-6,8	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
		SATIN	SFO	N.P.(=FM)	ISOcoated_v2_ecl.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	95,8	0,9	-3,3	95,7	1,0	-4,7	moderate
				N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							

Premium coated (PS1) - Recycled Coated - Sheet-fed offset & Heatset Web-offset

BRAND	GRADE	FINISHING	PRINTING METHODE	SCREEN TYPE	ISO/ECI PROFILE	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
								L+	a*	b*	L+	a*	b*	
Reborn	HWC	SATIN	SFO	Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	92,2	1,3	-2,2	92,1	1,4	-3,0	faint
Reborn Web	HWC	SATIN	HSWO	N.P.(=FM)	ISOcoated_v2_300eci.icc	FOGRA43L.bt	F(CMYK)							
				Analogue	ISOcoated_v2_ecl.icc	FOGRA39L.bt	A(CMY), B(K)	92,2	1,3	-2,2	92,1	1,4	-3,0	faint

Premium coated (PS1) - Sheet-fed offset & Heatset Web-offset

BRAND	GRADE	FINISHING	PRINTING METHODE	SCREEN TYPE	ISO/ECI PROFILE	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
								L+	a*	b*	L+	a*	b*	
Uno Bright PLUS	MWC	GLOSS	HSWO	Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	94,0	1,3	-4,0	94,0	1,3	-5,2	moderate
Uno Bright	MWC	GLOSS	HSWO	Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	93,5	1,1	-3,8	93,5	1,1	-5,0	moderate
				Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	94,0	1,1	-3,8	94,0	1,1	-5,0	moderate
Uno Bright Bulky 1.0/Miraprint 1.0	MWC	SATIN	HSWO	Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	94,0	1,1	-4,0	94,0	1,1	-5,2	moderate
Miraprint	MWC	GLOSS	SFO	Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	93,5	1,1	-3,8	93,5	1,1	-5,0	moderate
				Analogue	ISOcoated_v2_300eci.icc	FOGRA39L.bt	A(CMY), B(K)	94,0	1,1	-3,8	94,0	1,1	-5,0	moderate

Improved coated (PS2) - Sheet-fed offset & Heatset Web-offset

BRAND	GRADE	FINISHING	PRINTING METHODE	SCREEN TYPE	ISO/ECI PROFILE	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
								L+	a*	b*	L+	a*	b*	
Uno Prime	MWC	GLOSS	HSWO	Analogue	PSO_LWC_Improved_ecl.icc	FOGRA45L.bt	B(CMY), C(K)	93,0	0,9	-3,4	93,0	1,0	-4,2	low
				N.P.(=FM)	PSO_LWC_Improved_ecl.icc	FOGRA45L.bt	B(CMY), C(K)	93,5	0,9	-3,0	93,5	1,0	-3,8	low
Uno Web Silver	LWC	GLOSS	HSWO	Analogue	PSO_LWC_Improved_ecl.icc	FOGRA45L.bt	B(CMY), C(K)	90,5	1,5	-3,2	90,5	1,8	-4,3	low
Uno Web White	LWC	GLOSS	HSWO	Analogue	PSO_LWC_Improved_ecl.icc	FOGRA45L.bt	B(CMY), C(K)	91,2	0,7	-2,8	91,2	1,0	-3,6	low
ChorusPrint	MWC	GLOSS	SFO	Analogue	PSO_LWC_Improved_ecl.icc	FOGRA45L.bt	B(CMY), C(K)	93,0	0,9	-3,4	93,0	1,0	-4,2	low
				Analogue	PSO_LWC_Improved_ecl.icc	FOGRA45L.bt	B(CMY), C(K)	93,5	0,9	-3,0	93,5	1,0	-3,8	low

Standard matt coated (PS4) - Sheet-fed offset & Heatset Web-offset

BRAND	GRADE	FINISHING	PRINTING METHODE	SCREEN TYPE	ISO/ECI PROFILE	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
								L+	a*	b*	L+	a*	b*	
Uno Web White Bulky 1.1	LWC	MATT	HSWO	Analogue	PSO_MFC_paper_ecl.icc	FOGRA41L.bt	B(CMY), C(K)	92	0,8	-2,1	92	1,0	-3,0	low
Uno Web Maxi 1.3	LWC	MATT	HSWO	Analogue	PSO_MFC_paper_ecl.icc	FOGRA41L.bt	B(CMY), C(K)	92,5	0,8	-2,1	92,5	1,0	-3,0	low
Educa	LWC	MATT	HSWO	Analogue	PSO_MFC_paper_ecl.icc	FOGRA41L.bt	B(CMY), C(K)	92	0,8	-2,1	92	1,0	-3,0	low
EducaPrint	LWC	MATT	SFO	Analogue	PSO_MFC_paper_ecl.icc	FOGRA41L.bt	B(CMY), C(K)	92	0,8	-2,1	92	1,0	-3,0	low

Uncoated woodfree (PS5) - Sheet-fed offset & Heatset Web-offset

BRAND	GRADE	FINISHING	PRINTING METHODE	SCREEN TYPE	ISO/ECI PROFILE	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
								L+	a*	b*	L+	a*	b*	
Selena	UWF	MATT	SFO	Analogue	PSO_uncoated_ISO12647_ecl.icc	FOGRA47L.bt	C(CMY), D(K)	93,5	2,7	-10	93,5	3	-12	moderate
				N.P.(=FM)	PSO_uncoated_Npscreen_ISO12647_ecl.icc	FOGRA44L.bt	F(CMYK)							
Liris	UWF	MATT	HSWO	Analogue	PSO_uncoated_ISO12647_ecl.icc	FOGRA47L.bt	C(CMY), D(K)	91	4,1	-12,5	91	4,4	-14,5	moderate
				N.P.(=FM)	PSO_uncoated_Npscreen_ISO12647_ecl.icc	FOGRA44L.bt	F(CMYK)							
ProPharma	UWF	MATT	SFO	Analogue	PSO_uncoated_ISO12647_ecl.icc	FOGRA47L.bt	C(CMY), D(K)	91	4,1	-12,5	91	4,4	-14,5	moderate
				N.P.(=FM)	PSO_uncoated_Npscreen_ISO12647_ecl.icc	FOGRA44L.bt	F(CMYK)							
ProPharma Smooth	UWF	MATT	HSWO	Analogue	PSO_uncoated_ISO12647_ecl.icc	FOGRA47L.bt	C(CMY), D(K)	91	4,1	-12,5	91	4,4	-14,5	moderate
				N.P.(=FM)	PSO_uncoated_Npscreen_ISO12647_ecl.icc	FOGRA44L.bt	F(CMYK)							
ProPharma Smooth Natural	UWF	MATT	SFO	Analogue	PSO_uncoated_ISO12647_ecl.icc	FOGRA47L.bt	C(CMY), D(K)	93,2	2,8	-3,4	93,4	3	-5,2	low
				N.P.(=FM)	PSO_uncoated_Npscreen_ISO12647_ecl.icc	FOGRA44L.bt	F(CMYK)							
Chorus Natural	UWF	MATT	HSWO	Analogue	PSO_uncoated_ISO12647_ecl.icc	FOGRA47L.bt	C(CMY), D(K)	92,2	2,4	-8,9	92,5	2,8	-11,4	high
				N.P.(=FM)	PSO_uncoated_Npscreen_ISO12647_ecl.icc	FOGRA44L.bt	F(CMYK)							

ISO 12647-4:2007

Rotogravure: Improved LWC/CWF

BRAND	GRADE	FINISHING	ICC Profile	Characterisation Data	FOGRA CHAR. DATA	TVI curve	D50/2° - M0 - WB			D50/2° - M1 - WB			Fluorescence
							L+	a*	b*	L+	a*	b*	
Uno Roto Extra White	LWC-RTC	GLOSS	PSR_LWC_PLUS_V2_M1.icc	ECl_PSR_LWC_PLUS_V2_M1.bt			91,5	0,4	-3,2	91,5	0,7	-4,2	low
Uno Roto Extra White Silk	LWC-RTC	SATIN	PSR_LWC_PLUS_V2_M1.icc	ECl_PSR_LWC_PLUS_V2_M1.bt			91,5	0,4	-3,2	91,5	0,7	-4,2	low
Uno Roto Silver	LWC-RTC	GLOSS	PSR_LWC_PLUS_V2_M1.icc	ECl_PSR_LWC_PLUS_V2_M1.bt			90,1	1	-1,2	89,7	1,3	-2,0	faint
R4 Chorus RTC	CWF	GLOSS	PSR_LWC_PLUS_V2_M1.icc	ECl_PSR_LWC_PLUS_V2_M1.bt									

Specifications:

- Measurement instrument X-rite eXact advanced
- Measurement conditions: ISO 13655:2009
- ICC profiles are indicated according to the ISO 12647 version 2007
- Paper classifications are indicated according to the ISO 12647 version 2014

Paper shade values are made in M0 and M1 conditions and are informative only, not subject for any contractual agreement and could change without notice. Paper shade highly depend of type of equipment used. Data recommendations and classifications are made by our best knowledge and could not guarantee a perfect colour match, where specific characterisations are recommend.