

FINAL SPECIFICATIONS OF THIS 7 COLORS PRINT STANDARD:

Customer: PG Product: SuperSoap Date: 09/08/2015
 Technologie d'impression : Offset Screening: Classic AM (More details about screening to be supplied below)
 Nom du papier : White coated carton 250g Print media, reference and vendor: Indusboard
 Spectral characterization file of the density calibrated press: Offset_heptachromie.txt
 Nom du profil ICC brut : Name of the normalized ICC profile:

Measurement conditions:

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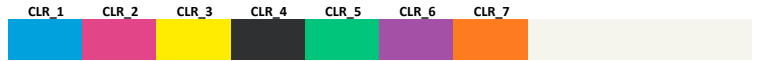
45/0° geometry measurement. Spectral measurements are mandatory. Lab D50 2° colors. Relative densities without polarizing filter. Do not use XRGA so called measurement standard.

Backing du média mesuré : Self Backing (Recommended)

Nom, référence et fournisseur du média de backing spécial : N/A (Opaque media)

Instrument de mesure : Eye-One Pro Spectrophotometer light source: A (M0) (Recommended)

Solid inks colors:



These are the solid colors to be matched by density adjustment for any production print run that should match this print standard. These colors can be copied and pasted to SPOT_Gravure application for matching easily the present standard during subsequent production runs. When printing CMYK or else 4 inks, you can as well use the control bar values generated below as Custom colors for CMYK_100% application.

Your inks are sorted hereafter by tint angle. The last displayed ink may be printed as first or last color with appropriately tailored inks rheological properties.

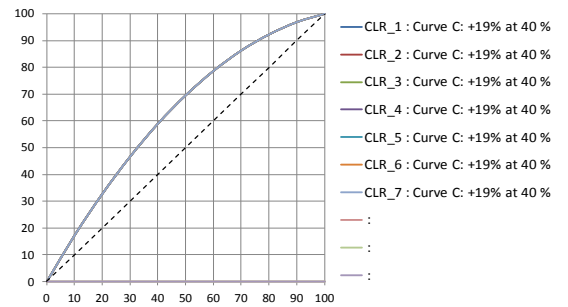
Solid inks (100%)		Target colors held in the ICC profile				Initially aimed colors (For information)			Inks at: 75%						
CLR	Color	Nom de l'encre	D50 2°			Status I D_Rel	L	a	b	CLR	L	a	b	Status I D_Rel	%
			L	a	b										
CLR_1		Sun-Cyan_015	59.0	-37.9	-46.0	1.24				CLR_1	66.8	-31.0	-36.5	0.80	89.3
CLR_6		Sun-Violet_044	47.6	46.2	-32.0	1.08				CLR_6	58.0	35.8	-25.5	0.74	89.3
CLR_2		Sun-Mag_018	55.1	65.8	-1.9	1.11				CLR_2	63.3	51.8	-4.2	0.75	89.3
CLR_7		Sun-Orange_072	70.6	55.9	75.4	1.28				CLR_7	75.0	45.8	53.4	0.81	89.3
CLR_3		Sun-Yellow_024	93.2	-6.8	93.0	1.23				CLR_3	93.1	-6.7	72.4	0.80	89.3
CLR_5		Sun-Green_hexa	69.5	-65.6	23.4	0.99				CLR_5	74.8	-52.4	18.7	0.70	89.3
CLR_4		Sun-Black_032	18.0	-0.5	-0.8	1.58				CLR_4	41.4	-1.0	-0.8	0.88	89.3
Paper tint with OBA correction:			L	a	b	L	c	h°							
Raw paper tint:			96.4	-0.7	3.7	96.4	3.8	101							

Notes : Solid density have been fixed for good color saturation while maintaining good print contrast.

Press target TVI curves:

These curves are your press target TVI curves for matching this print standard. They can be used with SPOT_Gravure application for matching the solid inks colors and then computing each printing form gravure correction curve.

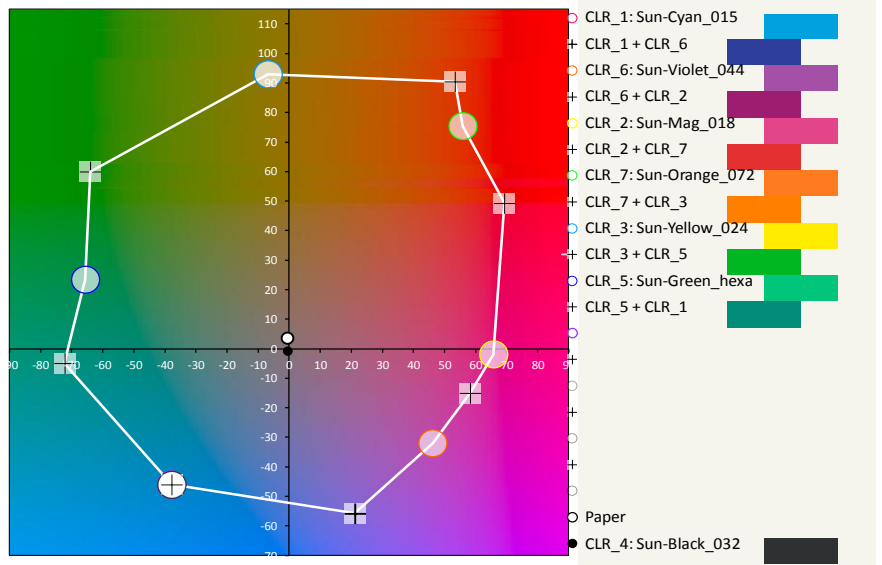
	CLR_1	CLR_2	CLR_3	CLR_4	CLR_5	CLR_6	CLR_7
0	0	0	0	0	0	0	0
10	17.3	17.3	17.3	17.3	17.3	17.3	17.3
20	32.8	32.8	32.8	32.8	32.8	32.8	32.8
30	46.7	46.7	46.7	46.7	46.7	46.7	46.7
40	59	59	59	59	59	59	59
50	69.6	69.6	69.6	69.6	69.6	69.6	69.6
60	78.7	78.7	78.7	78.7	78.7	78.7	78.7
70	86.3	86.3	86.3	86.3	86.3	86.3	86.3
80	92.3	92.3	92.3	92.3	92.3	92.3	92.3
90	96.9	96.9	96.9	96.9	96.9	96.9	96.9
100	100	100	100	100	100	100	100



Superimpositions of interest:







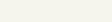

Here are the inks superimpositions you should check at press setting, importantly when you produce offset prints: they are the successive superimpositions of your inks sorted by order of tint angles.

	D50 2°	L	a	b
CLR_1 + CLR_6		28.9	21.1	-55.8
CLR_6 + CLR_2		36.9	58.2	-15.0
CLR_2 + CLR_7		51.7	69.2	49.3
CLR_7 + CLR_3		71.2	53.3	90.5
CLR_3 + CLR_5		65.1	-64.1	60.0
CLR_5 + CLR_1		48.5	-72.3	-4.9



Inks print sequence and screen angles:

Inks print sequence and screen angles:

Offset	Print order:	Screen angles	Screening: Classic AM
CLR_1		1	15
CLR_6		2	45
CLR_2		3	75
CLR_7		4	90
CLR_3		5	45
CLR_5		6	75
CLR_4			90
Paper_White_			

Screen or gravure definition: 175 dpi
 Dot and LW drawing definition: 2540 dpi
 Dot shape: Elliptic

Notes :
 Cyan is printed first. Following colors are printed in tint angle order counter clock wise.

Spectral data for the inks formulation:

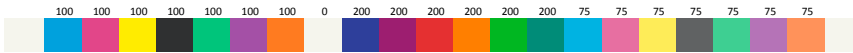
File specifying the inks and media spectral data: [Non enregistré - Not saved](#)

Inks quality control at reception:

You will find hereafter the media and solid inks spectral data that SPOT_Color_Manager application needs for controlling you inks quality at reception. This control should be done before mounting your inks on your press, by putting them first at 100% (any reasonable thickness) on your media. SPOT_Color_Manager application with then check all your target solid colors can be matched and will warn you of any problem with the inks formulation such as metamerism.

Color	0.0577	0.2206	0.3842	0.5498	0.7393	0.8807	0.8724	0.8627	0.8638	0.8668	0.8724	0.8830	0.8944	0.9024	0.9080	0.9099	0.9112	0.9125	0.9109	0.9145	0.9144	0.9158	0.9156	0.9159	0.9159	0.9142	0.9146	0.9151	0.9149	0.9118	0.9103	0.9107	0.9121	0.9136	0.9120	0.9124		
Paper_White_coated_carton_250g	0.0001	0.1024	0.2194	0.3376	0.4693	0.5741	0.6526	0.7059	0.7291	0.7398	0.7350	0.7200	0.6901	0.6358	0.5555	0.4579	0.3583	0.2629	0.1786	0.1209	0.0885	0.0720	0.0611	0.0541	0.0522	0.0529	0.0554	0.0632	0.0762	0.0853	0.0831	0.0763	0.0682	0.0624	0.0687	0.0921		
Sun-Cyan_015	0.0760	0.1211	0.1665	0.2126	0.2673	0.3047	0.2952	0.2725	0.2448	0.2146	0.1828	0.1550	0.1351	0.1163	0.0961	0.0842	0.0853	0.0857	0.0780	0.0716	0.1086	0.2423	0.4498	0.6694	0.8107	0.8709	0.8940	0.9020	0.9031	0.9002	0.9010	0.9032	0.9041	0.9035	0.8985	0.8932		
Sun-Mag_018	0.0461	0.0472	0.0483	0.0495	0.0522	0.0518	0.0519	0.0596	0.0731	0.0866	0.1128	0.1915	0.3689	0.6182	0.8024	0.8752	0.8981	0.9075	0.9098	0.9154	0.9169	0.9195	0.9202	0.9211	0.9215	0.9201	0.9201	0.9182	0.9135	0.9080	0.9091	0.9124	0.9147	0.9159	0.9130	0.9124		
Sun-Yellow_024	0.0174	0.0192	0.0210	0.0228	0.0254	0.0264	0.0263	0.0263	0.0265	0.0265	0.0263	0.0263	0.0265	0.0264	0.0262	0.0259	0.0256	0.0253	0.0248	0.0243	0.0243	0.0246	0.0246	0.0244	0.0243	0.0243	0.0248	0.0257	0.0268	0.0275	0.0279	0.0279	0.0275	0.0273	0.0282	0.0303		
Sun-Black_032	0.0358	0.0549	0.0740	0.0932	0.1159	0.1319	0.1447	0.1690	0.2038	0.2535	0.3398	0.4826	0.6346	0.7128	0.7106	0.6633	0.5933	0.5077	0.4148	0.3314	0.2585	0.1953	0.1430	0.1112	0.0984	0.0948	0.0944	0.0964	0.1048	0.1204	0.1393	0.1577	0.1720	0.1790	0.1819	0.1931		
Sun-Green_hexa	0.0627	0.1381	0.2139	0.2906	0.3795	0.4439	0.4328	0.4036	0.3689	0.3288	0.2804	0.2286	0.1855	0.1471	0.1075	0.0824	0.0792	0.0817	0.0761	0.0757	0.1126	0.2018	0.2975	0.3463	0.3374	0.3309	0.3769	0.4686	0.5773	0.6705	0.7397	0.7866	0.8156	0.8317	0.8388	0.8438		
Sun-Violet_044	0.0560	0.0563	0.0566	0.0569	0.0596	0.0578	0.0509	0.0471	0.0458	0.0461	0.0469	0.0488	0.0526	0.0577	0.0631	0.0719	0.0937	0.1475	0.2818	0.5103	0.7204	0.8433	0.8995	0.9257	0.9379	0.9419	0.9447	0.9454	0.9434	0.9407	0.9449	0.9510	0.9558	0.9589	0.9562	0.9517		
Sun-Orange_072																																						

Control bar:



This control bar allows easy prints control at press setting. The reference file allows easy measurement of this control bar using MeasureTool, and creating a printable control bar with using ColorLab. The measurement file contains this control bar spectral reference values when your press does match your TVI normalized reference ICC profile.

Control bar reference text file: [Non enregistré - Not saved](#)

Control bar reference text file: [Non enregistré - Not saved](#)

Test print run press data:

Raw spectral characterization file of the density calibrated press: [Offset_heptachromie.txt](#)

Average raw press setting main spectral data: [Non enregistré - Not saved](#)

Raw press ICC profile name:

CGATS file for normalizing this raw ICC profile: [Non enregistré - Not saved](#)

Nom du profil ICC normalisé de la presse :