

<b>TITANIUM WHITE</b> PW.6	<b>TURNERS YELLOW</b> PY.74LF, PY.42, PW.6	<b>VERMILION</b> PR.9, PY.74LF, PW.6	<b>PLUM PINK</b> PR.112, PB.15.3, PW.6	<b>BLUE VIOLET</b> PB.15.3, PV.23RS	<b>PAYNES GREY</b> PB.29, PBk.7	<b>BRILLIANT GREEN</b> PG.7, PY.74LF	<b>BURNT UMBER</b> PBr.7	<b>NIMBUS GREY</b> PBk.7, PBr.7, PY.42, PW.6
SERIES 1 ● ASTM 1 N	SERIES 1 ● ASTM 1 ↓ Y	SERIES 1 ○ ASTM 1 ↓ O	SERIES 1 ● ASTM 2 ↓ RV	SERIES 1 ● ASTM 1 ↓ BV	SERIES 1 ● ASTM 1 ↓ B	SERIES 1 ○ ASTM 1 ↓ G	SERIES 1 ● ASTM 1 ↓ N	SERIES 1 ● ASTM 1 ↓ N
<b>WARM WHITE</b> PW.6, PY.42	<b>YELLOW OXIDE</b> PY.42	<b>ROSE PINK</b> PR.112, PY.42, PW.6	<b>PURPLE MADDER</b> PR.175, PV.23RS	<b>STORM BLUE</b> PB.15.3, PBk.7, PW.6	<b>COLONY BLUE</b> PB.15.3, PY.42, PW.6	<b>GREEN LIGHT</b> PG.7, PY.74LF	<b>BROWN EARTH</b> PBr.7	<b>CARBON BLACK</b> PBk.7
SERIES 1 ● ASTM 1 ↓ N	SERIES 1 ● ASTM 1 ↓ Y	SERIES 1 ● ASTM 2 ↓ RO	SERIES 2 ○ ASTM 1 ↓ RV	SERIES 1 ● ASTM 1 ↓ B	SERIES 1 ● ASTM 1 ↓ BG	SERIES 1 ○ ASTM 1 ↓ G	SERIES 1 ● ASTM 1 ↓ RO	SERIES 1 ● ASTM 1 ↓ N
<b>NAPLES YELLOW HUE</b> PW.6, PY.42, PY.74LF	<b>RAW SIENNA</b> PBr.7	<b>CADMIUM SCARLET</b> PR.108	<b>RED VIOLET</b> PV.19	<b>FRENCH BLUE</b> PB.15.3, PR.101, PW.6	<b>AQUA</b> PG.7, PB.15.3, PW.6	<b>YELLOW GREEN</b> PW.6, PY.74LF, PG.7	<b>BURNT SIENNA</b> PBr.7	<b>PEARL WHITE</b> Micaeous
SERIES 1 ● ASTM 1 ↓ Y	SERIES 1 ● ASTM 1 ↓ O	SERIES 3 ● ASTM 1 ↓ RO	SERIES 2 ○ ASTM 1 ↓ RV	SERIES 1 ● ASTM 1 ↓ BV	SERIES 1 ● ASTM 1 ↓ BG	SERIES 1 ○ ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ RO	SERIES 2 ○ ASTM NT N
<b>CADMIUM YELLOW LIGHT</b> PY.35	<b>GOLD OXIDE</b> PY.42	<b>NAPTHOL RED LIGHT</b> PR.9, PY.74LF, PW.6	<b>BRILLIANT MAGENTA</b> PR.122, PW.6	<b>SAPPHIRE</b> PB.29, PB.15.3, PW.6, PBk.7	<b>CELADON</b> PG.7, PB.15.3, PY.42, PW.6	<b>SAP GREEN</b> PG.7, PY.139	<b>PROVINCIAL BEIGE</b> PY.42, PBk.7, PW.6	<b>SILVER</b> Micaeous
SERIES 3 ○ ASTM 1 ↓ Y	SERIES 1 ● ASTM 1 ↓ O	SERIES 1 ○ ASTM 1 ↓ RO	SERIES 1 ○ ASTM 1 ↓ RV	SERIES 1 ● ASTM 1 ↓ B	SERIES 1 ● ASTM 1 ↓ BG	SERIES 1 ○ ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ N	SERIES 2 ○ ASTM NT ↓ N
<b>YELLOW LIGHT</b> PY.74LF, PW.6	<b>RED EARTH</b> PR.101	<b>BROWN MADDER</b> PR.175	<b>TRANSPARENT MAGENTA</b> PR.122	<b>COBALT BLUE HUE</b> PB.29, PB.15.3, PW.6	<b>JADE</b> PG.17, PW.6	<b>PINE GREEN</b> PG.7, PBr.7, PY.74LF	<b>FAWN</b> PY.42, PBk.7, PW.6	<b>PALE GOLD</b> Micaeous
SERIES 1 ○ ASTM 1 ↓ Y	SERIES 1 ● ASTM 1 ↓ RO	SERIES 2 ○ ASTM 1 ↓ RO	SERIES 3 ○ ASTM 1 ↓ RV	SERIES 1 ● ASTM 1 ↓ B	SERIES 1 ● ASTM 1 ↓ G	SERIES 1 ● ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ YO	SERIES 2 ○ ASTM NT ↓ Y
<b>CADMIUM YELLOW MID</b> PY.35	<b>NORWEGIAN ORANGE</b> PR.112, PY.42, PY.74LF, PW.6	<b>NAPTHOL CRIMSON</b> PR.170	<b>AMETHYST</b> PV.19, PW.6	<b>ULTRAMARINE BLUE</b> PB.29, PB.15.3, PW.6	<b>ANTIQUÉ GREEN</b> PG.17, PBk.7, PY.42, PW.6	<b>HOOKERS GREEN</b> PG.7, PR.101	<b>SKIN TONE BASE</b> PW.6, PY.42, PBr.7	<b>RICH GOLD</b> Micaeous
SERIES 3 ○ ASTM 1 ↓ Y	SERIES 1 ● ASTM 2 ↓ O	SERIES 1 ○ ASTM 1 ↓ R	SERIES 1 ● ASTM 1 ↓ RV	SERIES 1 ● ASTM 1 ↓ B	SERIES 1 ● ASTM 1 ↓ BG	SERIES 1 ● ASTM 1 ↓ G	SERIES 1 ● ASTM 1 ↓ YO/N	SERIES 2 ○ ASTM NT ↓ Y
<b>YELLOW DEEP</b> PY.65, PW.6	<b>JAUNE BRILLANT</b> PY.74LF, PR.9, PW.6	<b>PERMANENT ALIZARINE</b> PR.122, PR.175	<b>BRILLIANT VIOLET</b> PV.23RS, PW.6	<b>ULTRAMARINE BLUE DEEP</b> PB.29	<b>GREEN OXIDE</b> PG.17	<b>MOSS GREEN</b> PG.7, PB.15.3, PY.42, PW.6	<b>UNBLEACHED TITANIUM</b> PW.6, PBr.7	<b>BURNISHED COPPER</b> Micaeous
SERIES 1 ○ ASTM 1 ↓ Y	SERIES 1 ● ASTM 1 ↓ O	SERIES 2 ○ ASTM 1 ↓ R	SERIES 1 ● ASTM 1 ↓ V	SERIES 1 ○ ASTM 1 ↓ B	SERIES 1 ● ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ YO/N	SERIES 2 ○ ASTM NT ↓ O
<b>YELLOW ORANGE</b> PW.6, PY.74LF, PO.73	<b>CADMIUM ORANGE</b> PO.20	<b>BURGUNDY</b> PR.170, PB.29	<b>DIOXAZINE PURPLE</b> PV.23RS	<b>PHALO BLUE</b> PB.15.3	<b>TEAL GREEN</b> PB.15.3, PY.42	<b>OLIVE GREEN</b> PG.7, PBr.7, PY.65	<b>OPAL</b> PW.6, PBr.7	<b>ROSE GOLD</b> Micaeous
SERIES 1 ○ ASTM 1 ↓ YO	SERIES 3 ○ ASTM 1 ↓ O	SERIES 1 ● ASTM 2 ↓ RV	SERIES 3 ● ASTM 1 ↓ V	SERIES 1 ○ ASTM 1 ↓ B	SERIES 1 ● ASTM 1 ↓ BG	SERIES 1 ● ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ RV	SERIES 2 ○ ASTM NT ↓ RO
<b>INDIAN YELLOW</b> PY.139	<b>ORANGE</b> PO.73	<b>INDIAN RED OXIDE</b> PR.101	<b>PACIFIC BLUE</b> PV.23RS, PB.15.3, PW.6	<b>PRUSSIAN BLUE HUE</b> PB.15.3, PBk.7	<b>PHALO GREEN</b> PG.7	<b>RAW UMBER</b> PBr.7	<b>SMOKED PEARL</b> PW.6, PY.42, PBr.7	
SERIES 1 ○ ASTM 1 ↓ Y	SERIES 2 ○ ASTM 1 ↓ O	SERIES 1 ● ASTM 1 ↓ RV	SERIES 1 ● ASTM 1 ↓ BV	SERIES 1 ● ASTM 1 ↓ B	SERIES 1 ○ ASTM 1 ↓ BG	SERIES 1 ● ASTM 1 ↓ YG	SERIES 1 ● ASTM 1 ↓ N	

## Colour Characteristics

Colours are shown as accurately as printing allows. A lightfastness rating and pigment specification is provided for each colour as your warranty of quality.

### Pigment Description

PY = Pigment Yellow  
PO = Pigment Orange  
PW = Pigment White  
PBr = Pigment Brown

PB = Pigment Blue  
PV = Pigment Violet  
PG = Pigment Green  
PBk = Pigment Black

PR = Pigment Red  
LF = Light Fast

### Pigments

○ Transparent ● Semi ● Opaque

Both opaque and transparent pigments are used in the Jo Sonja line. Transparent pigments reflect light differently than opaque pigments, which do not allow the light to pass through. Colours labelled as transparent allow the light to pass through the transparent pigment particles, thus allowing the undercoat to show through. These make wonderful colours for glazing.

### Temperature

↓ Warm ↓ Warm/Cool ↓ Cool

### ASTM Pigment Lightfastness

ASTM 1 – Pigments of excellent lightfastness  
ASTM 2 – Pigments of very good lightfastness

### Family

N = Neutral  
Y = Yellow  
YO = Yellow Orange  
O = Orange  
RO = Red Orange

R = Red  
RV = Red Violet  
V = Violet  
BV = Blue Violet  
B = Blue

BG = Blue Green  
G = Green  
YG = Yellow Green