

Pre-tested PROFESSIONAL[®] 90 COLORS

Opacity

- Opaque
- ◐ Semi-Opaque
- ◑ Semi-Transparent
- Transparent

Lightfastness

- I Excellent
- II Very Good
- III Moderate

*Part # reflects 37ml tubes.
Replace G with 11G for 150ml.
Series number is subject to change for 150ml.

Masstone 1:1 Mix w/Superba™

P148G	Nickel Titanate Yellow	I	← Lightfastness	
	Barium Sulfate	PW21		
	Nickel Titanate Yellow	PY53		● ← Opacity
	Monoazo Yellow	PY3		4 ← Series #
	Oxide of Chromium	PG18		

↑ Part #* ↑ Pigments

P148G Nickel Titanate Yellow Barium Sulfate PW21 Nickel Titanate Yellow PY53 Monoazo Yellow PY3 Oxide of Chromium PG18	P249G Zinc Yellow Titanium Dioxide PW6 Monoazo Yellow PY3	P036G Cadmium Yellow Pale Cadmium Zinc Sulfide PY35:1	P311G Bismuth Yellow Bismuth Vanadate Yellow PY184	P102G Hansa Yellow Arylide Yellow PY74
I ● 4	II ○ 2	I ● 4	I ○ 4	II ◐ 2
P033G Cadmium Yellow Light Cadmium Zinc Sulfide PY35:1	P003G Aureolin Cobalt Yellow PY40	P034G Cadmium Yellow Med. Cadmium Zinc Sulfide PY35:1	P031G Cadmium Yellow Deep Cadmium Orange PO20:1	P060G Diarylide Yellow Hansa Yellow PY65
I ○ 4	II ○ 6	I ● 4	I ● 4	I ○ 3
P035G Cadmium Orange Med. Cadmium Orange PO20	P025G Cadmium Orange Cadmium Orange PO20	P005G Transparent Orange Diarylide Yellow HR PY83 Perylene Red BX PR149	P142G Monoazo Orange Monoazo Orange PO67	P071G Pale Pink Zinc Oxide PW4 Yellow Oxide PY42 Synth. Red Iron Oxide PR101
I ● 4	I ● 4	I ○ 2	II ● 3	I ○ 2
P027G Cadmium Red Light Cadmium Red PR108:1	P312G Pyrrole Red Pyrrole Red PR255	P095G Grumbacher® Red Naphthol Red AS-D PR112	P030G Cadmium Red Cadmium Red PR108:1	P170G Quinacridone Red Quinacridone Red PV19
I ● 5	I ○ 4	II ● 3	I ● 5	I ○ 3
P208G Thalo® Red Rose Quinacridone Red PV19	P029G Cadmium Red Medium Cadmium Red PR108:1	P315G Perylene Red Perylene Red BX PR149	P026G Cadmium Red Deep Cadmium Red PR108:1	P021G Brown Madder Anthraquinone PR83 Lamp Black PBk7 Natural Brown Oxide PB7
I ◐ 4	I ● 5	I ◐ 4	I ● 5	III ○ 3
P182G Rose Madder Monoazo Yellow PY3 Anthraquinone PR83	P002G Alizarin Crimson Golden Hansa Yellow PY65 Quinacridone Gold PO48 Anthraquinone PR83	P001G Alizarin Crimson Anthraquinone PR83	P211G Thio™ Violet Quinacridone Magenta PR122	P051G Cobalt Rose Cobalt Violet PV49
III ○ 2	III ○ 3	III ◐ 3	I ○ 2	I ○ 6
P053G Cobalt Violet Cobalt Violet PV14 Manganese Violet PV16	P061G Dioxazine Purple Dioxazine Pigment PV23	P221G Ultramarine Violet Ultramarine Pink PR259 Quinacridone Red PV19	P307G Ultramarine Blue Deep Ultramarine Blue PB29 Ultramarine Pink PR259 Quinacridone Red PV19	P076G French Ultramarine Blue Ultramarine Blue PB29
I ○ 4	I ○ 3	I ○ 2	I ○ 2	I ○ 2
P160G Permanent Blue Ultramarine Blue PB29	P203G Thalo® Blue Phthalo Blue PB15:3	P109G Indanthrone Blue Indanthrone Blue PB60	P168G Prussian Blue Milor Blue PB27	P112G Indigo Indigo PB66
I ◐ 2	I ○ 3	I ● 4	I ○ 2	II ● 3



P310G	Cobalt Blue Deep	I
	Zinc Oxide Cobalt Blue Deep PB72	○
		6




P049G	Cobalt Blue	I
	Oxides of Cobalt and Aluminum PB28	●
		5



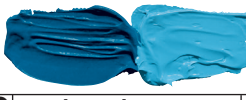
P313G	Arctic Blue	I
	Zinc Oxide Titanium Dioxide Ultramarine Blue	PW4 PW6 PB29
		2



P040G	Cerulean Blue	I
	Oxides of Cobalt and Tin	PB35
		6



P131G	Manganese Blue	I
	Phthalocyanine Blue NCF Titanium Dioxide Phthalocyanine	PW15:4 PW6 PG7
		2




P039G	Cerulean Blue Hue	I
	Zinc Oxide Phthalo Blue Bone Black	PW4 PB15:3 PBk9
		2



P309G	Cobalt Turquoise	I
	Cobalt Titanate Green Spinel	PG50
		4




P059G	Cobalt Titanate Blue	I
	Cobalt Chromite	PB36
		4



P232G	Viridian	I
	Titanium Dioxide TiO2 Zinc Oxide Phthalo Blue Oxide of Chromium	PW6 PW4 PB15:3 PG18
		5



P093G	Permanent Bright Green	II
	Zinc Oxide Monoazo Yellow Phthalocyanine	PW4 PY3 PG7
		2



P205G	Thalo® Green (B. Shade)	I
	Phthalocyanine	PG7
		3



P306G	Thalo® Green (Y. Shade)	I
	Phthalocyanine Green YS	PG36
		3



P048G	Chromium Oxide Green	I
	Anhydrous Chromium Sesquioxide	PG17
		3



P162G	Permanent Green Light	II
	Monoazo Yellow Oxide of Chromium	PY3 PG18
		4



P058G	Cobalt Titanate Green	I
	Titanium Dioxide TiO2 Nickel Titanate Yellow Cobalt Titanate Green Spinel	PW6 PY53 PG50
		4



P187G	Sap Green	I
	Quinacridone Gold Monoazo Tartrazine Phthalo Blue Phthalocyanine	PO48 PY150 PB15:3 PG7
		3



P166G	Prussian Green	I
	Nickel Azo Yellow Milor Blue	PY150 PB27
		2



P020G	Cadmium Green Light	I
	Cadmium Zinc Sulfide Oxide of Chromium	PY35:1 PG18
		5



P210G	Thalo® Yellow Green	II
	Zinc Oxide Monoazo Yellow Phthalocyanine	PW4 PY3 PG7
		2



P086G	Green Gold	II
	Hansa Yellow Monoazo Yellow Yellow Oxide Phthalocyanine Green YS	PY65 PY3 PY42 PG36
		2



P150G	Olive Green	III
	Monoazo Tartrazine Ultramarine Blue	PY150 PB29
		3



P088G	Greenish Umber	I
	Natural Brown Oxide Milor Blue	PB7 PB27
		1




P085G	Green Earth Hue	I
	Yellow Oxide Natural Brown Oxide Black Iron Oxide Oxide of Chromium	PY42 PB7 PBk11 PG18
		1



P064G	Davy's Gray	I
	Phthalo Blue Bone Black Burnt Sienna	PB15:3 PBk9 PB43
		2



P172G	Raw Umber	I
	Lamp Black Black Iron Oxide	PB7 PBk11
		1



P024G	Burnt Umber	I
	Natural Brown Oxide	PB7
		1




P314G	Terra	I
	Barium Sulfate Natural Iron Oxide Burnt Sienna Black Iron Oxide	PW21 PY43 PB102 PBk11
		2



P169G	Quinacridone Orange	I
	Quinacridone Gold	PO48
		4



P215G	Transp. Red Iron Oxide	I
	Synth. Red Iron Oxide	PR101
		1



P223G	Venetian Red	I
	Synth. Red Iron Oxide	PR101
		1



P110G	Indian Red	I
	Synth. Red Iron Oxide	PR101
		1



P202G	Terra Rosa	I
	Synth. Red Iron Oxide YS Synth. Red Iron Oxide BS	PR101 PR101
		2



P016G	Burnt Sienna Deep	I
	Natural Brown Oxide Synth. Red Iron Oxide	PB7 PR101
		1



P023G	Burnt Sienna	I
	Synth. Red Iron Oxide Natural Brown Oxide	PR101 PB7
		1



P013G	Brown Pink	I
	Nickel Azo Yellow Natural Brown Oxide	PY150 PB7
		2



P171G	Raw Sienna	I
	Raw Sienna	PB43
		1



P216G	Transp. Yellow Iron Oxide	I
	Yellow Oxide	PY42
		1




P080G	Gold Ochre	I
	Raw Sienna Yellow Oxide Synth. Red Iron Oxide Natural Iron Oxide	PB43 PY42 PR101 PY43
		1




P244G	Yellow Ochre	I
	Yellow Oxide Natural Iron Oxide	PY42 PY43
		1



P146G	Naples Yellow	I
	Zinc Oxide Cadmium Yellow Cadmium Red Natural Brown Oxide	PW4 PY35 PR108 PB7
		2



P218G	Unbleached Titanium W.	I
	Titanium Dioxide TiO2 Zinc Oxide	PW6 PW4
		1




P2489G	Zinc White	I
	Zinc Oxide	PW4
		1




P2129G	Titanium White	I
	Titanium Dioxide TiO2 Zinc Oxide	PW6 PW4
		1




P2509G	Titanium White Soft	I
	Titanium Dioxide TiO2 Zinc Oxide	PW6 PW4
		1



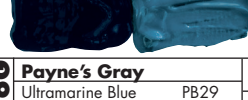
P200G	Superba™	I
	Zinc Oxide Titanium Dioxide TiO2	PW4 PW6
		1




P222G	Van Dyck Brown	III
	Natural Brown Oxide	PB7
		1



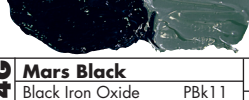
P115G	Ivory Black	I
	Bone Black	PBk9
		1



P156G	Payne's Gray	I
	Ultramarine Blue Ultramarine Green Lamp Black	PB29 PG24 PBk7
		2



P116G	Lamp Black	I
	Lamp Black	PBk7
		1



P134G	Mars Black	I
	Black Iron Oxide	PBk11
		2