

DESIGNERS GOUACHE**Discontinued Colours**

Product Code	Description	Rationale	Alternative
0605006	Alizarin Rose Madder	Poor lightfastness	Permanent Rose
0605022	Azure Blue	Can be mixed by the artist	Phthalo Blue + Winsor Green
0605092	Cadmium Primrose	Can be mixed by the artist	Cadmim Lemon + Cadmium Yellow Pale
0605097	Cadmium Red Deep	Replaced by cleaner, brighter cadmium reds	Cadmium Red + Red Ochre
0605102	Cadmium Red Pale	Replaced by cleaner, brighter colour postion	Cadmium Scarlet
0605148	Chinese Orange	Close to Venetian Red	Venetian Red
0605181	Cobalt Pale Hue	Can be mixed by the artist	Ultramarine Green Shade + white
0605260	Fluorescent Yellow	Poor lightfastness	None
0605270	Forest Green	Close to Permanent Green Middle	Permanent Green Middle
0605271	Geranium	Close to Primary Red	Primary Red + Rose Tyrien
0605287	Golden Yellow	Very close to Cadmium Yellow	Cadmium Yellow
0605297	Grenadine	Poor lightfastness	Spectrum Red + Flame Red
0605309	Havannah Lake	Poor lightfastness; mixed pigment colour	Perylene Violet
0605378	Madder Carmine	Very close to Alizarin Crimson	Alizarin Crimson
0605414	Mistletoe Green	Very close to Permanent Green Middle	Permanent Green Middle
0605463	Parma Violet	Close to Spectrum Violet	Spectrum Violet + Light Purple
0605467	Peacock Blue	Can be mixed by the artist	Phthalo Blue + Intense blue
0605471	Periwinkle Blue	Close to Ultramarine	Ultramarine
0605544	Purple Lake	Can be mixed by the artist	Light Purple + Black
0605574	Rose Carthame	Poor lightfastness	Winsor Red + Primary Red
0605591	Rose Malmaison	Poor lightfastness; new Opera's are brighter	Primary Red + Rose Tyrien
0605603	Scarlet Lake	Very close to Flame Red	Flame Red
0605668	Ultramarine Deep	Very close to Ultramarine	Ultramarine
0605694	Viridian Lake	Can be mixed by the artist	Cyprus Green + Brilliant Green
0605708	Winsor Emerald	Can be mixed by the artist	Brilliant Green + Winsor Green + Zinc White
0601930	Process Black - 30ml	Close to Lamp Black	Lamp Black
0620934	Photographic Opaque - 30ml		None

DESIGNERS GOUACHE
New Colours

Product Code	Description	Rationale	Permanence	ASTM	Series No.	Bar Code
0605094	Cadmium Red	Very opaque & lightfast; replaces Cadmium Red Pale with a brighter colour	A	I	4	50946082
0605106	Cadmium Scarlet	Very opaque & lightfast; new colour position to improve spectrum across the range	A	I	4	50946099
0605108	Cadmium Yellow	Very opaque & lightfast; new colour position to improve spectrum across the range	A	I	4	50946075
0605191	Cobalt Turquoise Light	Very bright, excellent lightfastness, good opacity; new colour position to improve spectrum across the range	AA	NL	4	50946181
0605425	Naples Yellow Deep	Subtle colour, excellent lightfastness, good opacity; new colour position to improve spectrum across the range	AA	I	1	50946204
0605440	Opera Pink	Brilliant colour; a modern fluorescent pigment offering the brightest pink available	C	NL	2	50946143
0605448	Opera Rose	Brilliant colour; a modern fluorescent pigment offering the brightest rose available	C	NL	2	50946136
0605455	Brilliant Purple	Very bright; new colour position to improve spectrum across the range	B	V	2	50946174
0605466	Permanent Alizarin Crimson	Brighter & more opaque than Alizarin Crimson; lightfast alternative to Alizarin Crimson	A	NL	3	50946129
0605470	Perylene Violet	A single pigment deep violet, popular modern pigment. Unique to Winsor & Newton. Very high lightfastness; new colour position to improve spectrum across the range	A	NL	3	50946228
0605502	Permanent Rose	Very high lightfastness, wide range of mixed hues; new colour position, CMYK alternative to Magenta	A	I	3	50946112
0605505	Perylene Black	A single pigment black with a subtle green undertone; new colour position to improve spectrum across the range	A	NL	3	50946235
0605507	Perylene Maroon	A single pigment deep maroon, very high lightfastness; new colour position to improve spectrum across the range	A	NL	3	50946211
0605550	Quinacridone Magenta	Single pigment, very bright & lightfast; new colour position offering improved lightfastness in area of spectrum	A	II	3	50946150
0605667	Ultramarine (Green Shade)	Single pigment, very bright & lightfast; new colour position to improve spectrum across the range	A(iii)	I	1	50946198
0605726	Winsor Red	Single pigment, very bright & lightfast red; new colour position to improve spectrum across the range	A	NL	3	50946105
0605733	Winsor Violet (Dioxazine)	Single pigment, very bright & lightfast violet; a lightfast dioxazine in this part of the spectrum	A	II	3	50946167

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Modified Colours

Product Code	Description	Rationale	Change in Hue	Permanence	ASTM
0605004	Alizarin Crimson	Move to single pigment for improved mixing	None	B	IV
0605028	Bengal Rose	Improved brightness	Brighter with a paler mass tone	C	NL
0605046	Brilliant Green	To avoid environmental toxicity	No change	A	I
0605249	Flame Red	Improved lightfastness	Mass tone bluer; undertone more yellow	A	NL
0605257	Flesh Tint	Improved lightfastness	No change	A	NL
0605285	Gold Ochre	Improved lightfastness	Masstone slightly redder	A	II
0605345	Lemon Yellow	Brighter & cleaner	Brighter	A	I
0605360	Light Purple	Improved wash, level of opacity & brightness	Brighter	B	V
0605369	Linden Green	Improved lightfastness	Brighter	A	NL
0605384	Marigold Yellow	Improved lightfastness	No change	A	NL
0605447	Olive Green	Improved lightfastness; improved wash & level of opacity	Mass tone brighter	A	II
0605452	Orange Lake Deep	Improved lightfastness & level of opacity	No change	A	II
0605453	Orange Lake Light	Improved lightfastness & brighter	Slightly brighter	A	II
0605482	Permanent Green Deep	Improved lightfastness & level of opacity	No change	A	II
0605484	Permanent Green Middle	Improved lightfastness	No change	A	II
0605508	Permanent Yellow Deep	Improved lightfastness; brighter & cleaner	Mass tone brighter, undertone redder	A	II
0605512	Permanent White	Improved light stability & mixing ability	No change	A	I
0605527	Primary Yellow	Improved lightfastness; move to single pigment for improved mixing	No change	A	NL
0605552	Raw Sienna	Improved lightfastness; move to single pigment for improved mixing	Brighter	AA	II
0605564	Red Ochre	Improved lightfastness; move to single pigment for improved mixing	No change	A	I
0605599	Sap Green	Improved lightfastness & brighter mass tone	Brighter mass tone	A	II
0605623	Spectrum Red	Improved lightfastness, level of opacity & brightness	Slightly more yellow mass tone	A	II
0605625	Spectrum Violet	Improved lightfastness	Brighter mass tone	B	V
0605627	Spectrum Yellow	Improved lightfastness; cleaner, brighter & more opaque	No change	A	II
0605678	Venetian Red	Improved lightfastness & brighter	No change	A	II
0605706	Winsor Blue	Improved wash, level of opacity & brighter masstone	No change	A	I