



# Artists' Water Colour

347 AA S4 O Lemon Yellow (Nickel Titanate)	025 A S3 O Bismuth Yellow	086 A (ii) S4 O St I Cadmium Lemon	722 A S1 T St II Winsor Lemon	730 A S1 T St II Winsor Yellow	348 AA S2 SO G Lemon Yellow Deep	016 A (i) (ii) S4 T St II Aureolin	653 A S1 T St I Transparent Yellow	118 A (ii) S4 O St I Cadmium Yellow Pale	649 AA S3 O Turners Yellow	267 A S1 T II New Gamboge	108 A (ii) S4 O St I Cadmium Yellow	731 A S1 T II Winsor Yellow Deep	319 A S1 T II Indian Yellow	111 A (ii) S4 O St I Cadmium Yellow Deep
089 A (ii) S4 O I Cadmium Orange	724 A S1 O Winsor Orange	723 A S1 SO St Winsor Orange (Red Shade)	106 A (ii) S4 O St I Cadmium Scarlet	603 A S2 T St II Scarlet Lake	094 A (ii) S4 O G St I Cadmium Red	097 A (ii) S4 O G I Cadmium Red Deep	726 A S1 T St Winsor Red	576 A S4 T St II Rose Doré	548 A S3 T II Quinacridone Red	725 A S1 SO St Winsor Red Deep	466 A S3 T St Permanent Alizarin Crimson	004 B S1 T St Alizarin Crimson	479 A S3 T St Permanent Carmine	502 A S3 T St II Permanent Rose
587 B (i) S4 T G Rose Madder Genuine	448 B S2 ST Opera Rose	545 A S3 T Quinacridone Magenta	489 A S3 T St I Permanent Magenta	192 AA S4 ST G I Cobalt Violet	491 A S3 ST St I Permanent Mauve	672 A S2 T G I Ultramarine Violet	733 A S1 T St Winsor Violet (Dioxazine)	321 A S3 T Indanthrene Blue	180 AA S4 T G Cobalt Blue Deep	263 A (iii) S2 T G I French Ultramarine	667 A (iii) S2 T I Ultramarine (Green Shade)	178 AA S4 T G I Cobalt Blue	709 A S1 T St Winsor Blue (Red Shade)	010 A (iv) S1 T I Antwerp Blue
538 A (iv) S1 T St I Prussian Blue	707 A S1 T St I Winsor Blue (Green Shade)	140 AA S3 O G I Cerulean Blue (Red Shade)	137 AA S3 O G I Cerulean Blue	379 A S2 T G II Manganese Blue Hue	526 A S2 T St Phthalo Turquoise	191 AA S4 O Cobalt Turquoise Light	190 AA S4 O SO I Cobalt Turquoise	184 AA S4 O G Cobalt Green	719 A S1 T St I Winsor Green (Blue Shade)	692 AA S3 T G I Viridian	721 A S1 T St I Winsor Green (Yellow Shade)	637 AA S1 T St Terre Verte	460 A S2 T St Perylene Green	459 AA S3 O G St I Oxide of Chromium
311 A S1 T St I Hooker's Green	503 A S1 T St I Permanent Sap Green	447 A S1 T St I Olive Green	638 AA S1 T G I Terre Vert (Yellow Shade)	294 A S2 T St Green Gold	422 AA S1 O I Naples Yellow	425 AA S1 O I Naples Yellow Deep	745 AA S1 SO I Yellow Ochre Light	744 AA S1 O I Yellow Ochre	552 AA S1 T St I Raw Sienna	285 AA S2 T St I Gold Ochre	547 A S3 T St Quinacridone Gold	059 AA S1 ST G I Brown Ochre	381 AA S1 O G Magnesium Brown	074 AA S1 T St I Burnt Sienna
362 AA S1 SO Light Red	678 AA S1 O Venetian Red	317 AA S1 O Indian Red	056 A S1 T St Brown Madder	537 AA S2 SO G Potlars Pink	507 A S3 T St Perylene Maroon	470 A S2 T St Perylene Violet	125 AA S2 O St I Caput Mortuum Violet	554 AA S1 T G I Raw Umber	076 AA S1 T I Burnt Umber	676 AA S1 T St I Vandyke Brown	609 AA S1 O I Sepia	322 A S1 O St Indigo	465 A S1 O St Payne's Gray	430 A S1 O St Neutral Tint
331 AA S1 O G I Ivory Black	337 AA S1 O G I Lamp Black	386 AA S1 O G I Mars Black	217 AA S1 O I Davy's Gray	150 AA S1 O I Chinese White	644 AA S1 O I Titanium White (Opaque White)									

## Key to Coding

AA Extremely Permanent  
A Permanent  
B Moderately Durable  
(i) 'A' rated in full strength may fade in thin washes  
(ii) Cannot be relied upon to withstand damp  
(iii) Bleached by acids, acidic atmosphere

(iv) Fluctuating colour, fades in light, recovers in dark  
S Series number  
T Transparent/  
Semi-Transparent  
O Opaque/Semi-Opaque  
G Granulating Colour  
St Staining Colour

## ASTM

I Permanent for artists' use  
II Permanent for artists' use  
  
Where no ASTM rating is listed, please refer to the Winsor & Newton permanence rating

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## New Colours

-  **Lemon Yellow Deep – Series 2, Permanence Rating AA:** New colour to increase the spectrum across the range. A bright granulating, affordable yellow. A new pigment unique to Winsor & Newton.
-  **Turners Yellow – Series 3, Permanence Rating AA:** New colour to increase the spectrum across the range. An opaque mid yellow. Unique to Winsor & Newton. Hue refers to the 18th century pigment patented by James Turner (1781).
-  **Winsor Orange Red Shade- Series 1, Permanence Rating A:** New colour to increase the spectrum across the range. A transparent yellow shade red, replacing Bright Red. Very bright and clean. Unique to Winsor & Newton.
-  **Winsor Red Deep – Series 1, Permanence Rating A:** New colour to increase the spectrum across the range. A semi-opaque blue-shade red unique to Winsor & Newton. Can be used as an alternative to Cadmium Red Deep.
-  **Mars Black – Series 1, Permanence Rating AA:** New colour to increase the spectrum across the range. A dense opaque neutral black. Excellent granulating character.
-  **Perylene Violet – Series 2, Permanence Rating A:** New colour to increase the spectrum across the range. A single pigment deep violet, replaces Thioindigo Violet and Purple Madder. A popular colour position amongst modern pigments. Unique to Winsor & Newton.
-  **Cerulean Blue (Red Shade) – Series 3, Permanence Rating AA:** A red shade Cerulean to increase the spectrum across the range. A red shade to complement our ever popular traditional Cerulean Blue.
-  **Permanent Mauve – Series 3, Permanence Rating A:** New tube formulation of pan colour.
-  **Opera Rose – Series 2, Permanence Rating B:** A modern fluorescent pigment offering the brightest pink available. A 'super-bright' for flower painters.
-  **Yellow Ochre Light – Series 1, Permanence Rating AA:** A paler Yellow Ochre to increase the spectrum across the range; a pale natural version of this mainstay colour.
-  **Terre Verte (Yellow Shade) – Series 1, Permanence Rating AA:** A yellow shade Terre Verte to increase the spectrum across the range. A single pigment natural earth which would otherwise be difficult to mix.
-  **Potters Pink – Series 2, Permanence Rating A:** New colour to increase the spectrum across the range. A unique semi-opaque pink which cannot be mixed from red or white. Excellent granulating character.
-  **Brown Ochre – Series 1, Permanence Rating AA:** New colour to increase the spectrum across the range. Replaces the original Winsor & Newton 19th century natural earth. A Brown Ochre which provides natural strength mixtures.
-  **Phthalo Turquoise – Series 2, Permanence Rating A:** A single pigment Phthalo Turquoise to increase the spectrum across the range. A bright, clean affordable turquoise, alternative to Cobalt Turquoise.
-  **Perylene Green – Series 2, Permanence Rating A:** New colour to increase the spectrum across the range. An exciting semi-transparent single pigment black-green.
-  **Magnesium Brown – Series 1, Permanence Rating AA:** New colour to increase the spectrum across the range. An opaque brown with extraordinary granulating power.