



**WINSOR
&
NEWTON™**

Cotman

WATER COLOURS™

346 A S1 <input type="checkbox"/>	119 A S1 <input checked="" type="checkbox"/>	266 A S1 <input type="checkbox"/>	109 A S1 <input checked="" type="checkbox"/>	090 A S1 <input checked="" type="checkbox"/>	103 A S1 <input checked="" type="checkbox"/>	095 A S1 <input checked="" type="checkbox"/>	098 A S1 <input checked="" type="checkbox"/>
Lemon Yellow Hue	Cadmium Yellow Pale Hue	Gamboge Hue	Cadmium Yellow Hue	Cadmium Orange Hue	Cadmium Red Pale Hue	Cadmium Red Hue	Cadmium Red Deep Hue
003 A S1 <input type="checkbox"/>	502 A S1 <input type="checkbox"/>	580 A S1 <input type="checkbox"/>	544 A S1 <input type="checkbox"/>	398 A S1 <input type="checkbox"/>	231 A S1 <input type="checkbox"/>	660 A S1 <input type="checkbox"/>	179 A S1 <input checked="" type="checkbox"/>
Alizarin Crimson Hue	Permanent Rose	Rose Madder Hue	Purple Lake	Mauve	Dioxazine Purple	Ultramarine	Cobalt Blue Hue
139 A S1 <input checked="" type="checkbox"/>	654 A S1 <input checked="" type="checkbox"/>	327 A S1 <input type="checkbox"/>	538 A S1 <input type="checkbox"/>	329 A S1 <input type="checkbox"/>	696 A S1 <input type="checkbox"/>	235 A S1 <input checked="" type="checkbox"/>	312 A S1 <input type="checkbox"/>
Cerulean Blue Hue	Turquoise	Intense Blue (Phthalo Blue)	Prussian Blue	Intense Green (Phthalo Green)	Viridian Hue	Emerald	Hooker's Green Dark
314 A S1 <input type="checkbox"/>	599 A S1 <input type="checkbox"/>	552 AA S1 <input type="checkbox"/>	744 AA S1 <input checked="" type="checkbox"/>	554 AA S1 <input type="checkbox"/>	074 AA S1 <input type="checkbox"/>	362 AA S1 <input checked="" type="checkbox"/>	317 AA S1 <input checked="" type="checkbox"/>
Hooker's Green Light	Sap Green	Raw Sienna	Yellow Ochre	Raw Umber	Burnt Sienna	Light Red	Indian Red
076 AA S1 <input checked="" type="checkbox"/>	676 AA S1 <input checked="" type="checkbox"/>	609 AA S1 <input checked="" type="checkbox"/>	322 A S1 <input checked="" type="checkbox"/>	465 A S1 <input checked="" type="checkbox"/>	331 AA S1 <input checked="" type="checkbox"/>	337 AA S1 <input checked="" type="checkbox"/>	150 AA S1 <input checked="" type="checkbox"/>
Burnt Umber	Vandyke Brown	Sepia	Indigo	Payne's Gray	Ivory Black	Lamp Black	Chinese White

Key to Coding		ASTM	
AA	Extremely Permanent	S	Series number
A	Permanent	<input type="checkbox"/>	Transparent
		<input checked="" type="checkbox"/>	Semi-Transparent
		<input checked="" type="checkbox"/>	Opaque
		<input checked="" type="checkbox"/>	Semi-Opaque
		I	Permanent for artists' use
		II	Permanent for artists' use
Where no ASTM rating is listed, please refer to the Winsor & Newton permanence rating			

This colour chart is produced within the limitations of lithographic colour printing and is intended as a guide only.