



Art Spectrum® Watercolour Pigments

In accordance with proven traditional methods of production, all Art Spectrum® Artists' Watercolours are carefully stone milled to enhance the individual brilliance of each selected permanent pigment and to maximise its handling qualities. Successful watercolours depend on selecting the best quality paper, the permanence and brilliance of the pigments and the use of a wide variety of quality brushes. Available in 10ml tubes. Series 1-4.

Watercolours	Series	Pigments	Lightfastness	Permanence	Transparent/Opaque	Granulating/Staining Colour
Chinese White	S1	PW4	ASTM 1	****	Opaque	
Lemon Yellow	S1	PY3	ASTM 11	***	Semi Transparent	
Cadmium Yellow Pale	S4	PY35	ASTM 1	****	Opaque	Staining
Spectrum Yellow	S1	PY97, PY83	BWS 7	***	Semi Transparent	Staining
Cadmium Yellow	S4	PY37	ASTM 1	****	Opaque	Staining
Cadmium Yellow Deep	S4	P020	ASTM 1	****	Opaque	Staining
Aureolin	S4	PY40	ASTM 11	***	Transparent	Staining
Permanent Gamboge	S3	PY97, PY83	ASTM 1	****	Transparent	
Permanent Indian Yellow	S3	PY83	BWS 7-8	***	Transparent	
Cadmium Orange	S4	PY37,P020	ASTM 1	****	Opaque	
Permanent Orange	S3	P062	ASTM 11	***	Semi Transparent	
Coral	S3	PR170, P036	BWS 7-8	***	Semi Transparent	
Vermilion Permanent	S3	P036	ASTM1	****	Semi Transparent	Staining
Spectrum Red	S1	PR112, P05	BWS 6-7	***	Opaque	
Cadmium Red	S4	PR108	ASTM 1	****	Opaque	



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Brilliant Red	S3	PR170	ASTM 11	***	Semi Transparent	
Cadmium Red Deep	S4	PR108	ASTM 1	****	Opaque	
Pilbara Red	S3	PR101, PV19, PBR7	ASTM 1	****	Transparent	
Spectrum Crimson	S1	PV19	ASTM 1	****	Transparent	Staining
Permanent Crimson	S3	PR176, PR101	BWS 6-7	***	Transparent	Staining
Rose Madder	S4	PV19	ASTM 1	****	Transparent	Staining
Permanent Rose	S3	PV19	ASTM 1	****	Transparent	Staining
Permanent Magenta	S3	PV19	ASTM 1	****	Semi Transparent	Staining
Flinders Red Violet	S3	PV19	ASTM 1	****	Semi Transparent	
Cobalt Violet	S4	PV14	ASTM 1	****	Transparent	Granulating
Ultramarine Violet	S3	PV15	ASTM 1	****	Transparent	
Permanent Mauve	S3	PB29, PV19	ASTM 1	****	Transparent	Staining
Flinders Blue Violet	S4	PV16	ASTM 1	****	Semi Transparent	Granulating
French Ultramarine	S3	PB29	ASTM 1	****	Semi Transparent	Granulating
Ultramarine Blue	S1	PB29	ASTM 1	****	Semi Transparent	Granulating
Cobalt Blue	S4	PB28	ASTM 1	****	Semi Transparent	
Spectrum Blue	S1	PB29, PB15:3	ASTM 11	***	Semi Transparent	Staining
Prussian Blue	S1	PB27	ASTM 1	****	Semi Transparent	Staining



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Indigo Blue	S1	PB29, PBk6, PB15:3	ASTM 11	***	Semi Transparent	Staining
Phthalo Blue	S1	PB15:3	ASTM 11	***	Transparent	Staining
Antwerp Blue	S1	PB27	ASTM 1	****	Transparent	
Cerulean Blue	S4	PB35	ASTM 1	****	Semi Transparent	Granulating
Tasman Blue	S2	PW4, PB29, PG7	ASTM 1	****	Opaque	
Australian Turquoise	S4	PG50	ASTM 1	****	Opaque	Granulating
Viridian	S4	PG18	ASTM 1	****	Transparent	Granulating
Phthalo Green	S1	PG7	ASTM 1	****	Transparent	Staining
Australian Leaf Green Dark	S3	PY129, PG7, PR175, PY83	ASTM 1	****	Semi Transparent	
Olive Green Permanent	S2	PY42, PG7	ASTM 1	****	Semi Transparent	Granulating
Hookers Green Permanent	S2	PG7, PY42	ASTM 1	****	Semi Transparent	Staining
Oxide of Chromium	S2	PG17	ASTM 1	****	Opaque	Staining
Australian Green Gold	S3	PY129, PG7	ASTM 1	****	Transparent	
Sap Green Permanent	S3	PY129, PG7	ASTM 1	****	Transparent	Staining
Australian Grey	S2	PBr7, PY42	ASTM 1	****	Opaque	Granulating
Naples Yellow	S1	PW4, PY42	ASTM 1	****	Opaque	
Naples Yellow Reddish	S1	PW4, PY42, PO20	ASTM 1	****	Opaque	
Yellow Ochre	S1	PY42	ASTM 1	****	Opaque	Granulating



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Raw Sienna Hue Light	S1	PY42	ASTM 1	****	Semi Transparent	Granulating
Raw Sienna Natural Deep	S1	PBr7	ASTM 1	****	Semi Transparent	Granulating
Burnt Sienna Hue	S1	PR101	ASTM 1	****	Semi Transparent	
Burnt Sienna Natural	S1	PBr7	ASTM1	****	Transparent	Granulating
Australian Red Gold	S3	PY83, PR101, PV19	BWS 7-8	***	Transparent	Granulating
Light Red	S1	PR101, PY42	ASTM 1	****	Opaque	
Indian Red	S1	PR101	ASTM 1	****	Opaque	
Raw Umber	S1	PBr7, PY42, PR101	ASTM 1	****	Semi Transparent	Granulating
Burnt Umber	S1	PBr7, PY42, PR101	ASTM 1	****	Semi Transparent	Granulating
Mars Violet	S2	PR101	ASTM 1	****	Opaque	
Warm Sepia	S1	PR101, PBk6	ASTM 1	****	Semi Transparent	
Sepia	S1	PR101, PBk6	ASTM 1	****	Semi Transparent	
Paynes Grey	S1	PB15:3, PBk6, PV19	ASTM 11	***	Semi Transparent	Staining
Neutral Tint	S3	PB15:3, PBk6, PV19	ASTM 11	***	Transparent	
Ivory Black	S1	PBk9	ASTM 1	****	Semi Transparent	Granulating
Lamp Black	S1	PBk6	ASTM 1	****	Semi Transparent	



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ASTM: American Society for Testing and Materials.

ASTM 1: Excellent Lightfastness.

ASTM 2: Very good Lightfastness

Where ASTM has not yet tested a colour, international wool scale test is used.

BWS Blue wool scale 8 (excellent)

Gr: Granulating colour

St: Staining colour