

DWA VOC FREE WATER BASED PIGMENT DISPERSIONS

1. DEFINITION :

The **DWA** are VOC free water based pigment dispersions for aqueous products. They are supplied by COLORIS GLOBAL COLORING CONCEPT® for the coloration of water based decorative paints, façade paints, acrylic plaster and other water based products.

2. FIELD OF USE :

The pigment dispersions **DWA** are used for coloration of the following products:

- Water based architectural paints: acrylic and vinyl latex, water born alkyd.
- Mineral paints: silicate, siloxanic, silicone, lime paint. (depends on pigment)
- Water based facade coatings : acrylic plaster, thermal insulation coating, elastic breathable waterproofing facade coating.

It is the user responsibility to check if his choice of pigment dispersion is suitable to the final use. For example: pH of the paint, substrate, and final use of the coloured product.

3. SUITABILITY :

The pigment dispersions **DWA** make it possible to optimize the coloration of paints and coatings thanks to an excellent compatibility with the various families of water based binders mentioned above.

The **DWA** must always be well homogenized by mechanical agitation before using. The aptitude for use of the colorants is guaranteed two years in unopened packaging if they are stored between 5 and 40°C, even if they keep in theory all their qualities during a longer period of storage.

4. HANDLING AND SAFETY :

Please consult the **DWA** Material Safety Data Sheets and follow the rules of hygiene and safety indicated. These Material Safety Data Sheets can be consulted on our website at the following address: www.coloris-gcc.com

5. CHARACTERISTICS OF THE DWA:

See enclosed table for the following characteristics: densities, percentages of dry pigment are given as an indication. The values of the light fastness and weather fastness are pigments data expressed according to international scales.

For other characteristics, ask for the Product Specification Sheet if necessary.®

Code	Name	Color Index	Density	% Pigment mass	Light Fastness		Weather Fastness	
					Full shade	Pastel shade	Full shade	Pastel shade
WA.BA	White	PW 6	2.16	65	8	8	5	5
WA.NA	Black	PBk 7	1.23	38	8	8	5	5
WA.BX	Black Oxide	PBk 11	1.31	29	8	8	5	5
WA.JA	Ochre Yellow	PY 42	1.84	58	8	8	5	5
WA.JB	Orange Oxide	PY 42	1.77	60	8	8	5	5
WA.JO	Yellow Oxide	PY 42	1.88	60	8	8	5	5
WA.JE	Sun Yellow	PY 74	1.14	44	7	5	4	3-2
WA.JX	Vanadate Yellow	PY 184	2.17	62	8	8	5	5
WA.PV	Lemon Yellow	PY 3	1.27	49	7	6	5-4	4-3
WA.OV	Bright Orange	PO 5	1.21	50	7-6	5	5-4	3-2
WA.RA	Red Oxide	PR 101	2.17	65	8	8	5	5
WA.RB	Blueish Red Oxide	PR 101	1.70	50	8	8	5	5
WA.RC	Purple Oxide	PR 101	1.98	60	8	8	5	5
WA.RV	Bright Red	PR 112	1.12	44	8-7	6	5-4	3
WA.SR	Red	PR 254	1.27	52	8-7	7	5-4	4
WA.MA	Magenta	PR 122	1.12	31	8	8	5	5
WA.VI	Violet	PV 23	1.14	30	8	8-7	5	4
WA.UM	Ultramarine	PB 29	1.46	54	8	8	5	5
WA.BB	Sapphire Blue	PB 15:1	1.21	48	8	8	5	5
WA.BE	Phthalo Blue	PB 15:3	1.21	45	8	8	5	5
WA.VR	Phthalo Green	PG 7	1.36	50	8	8	5	5
WA.GX	Chrome Green	PG 17	1.74	46	8	8	5	5

Guidance figures only, without any contractual value.