Quaker Color

ALK Series

Liquid pigment dispersions which are made with a soya based long oil alkyd in odorless mineral spirits. They are designed to have excellent compatibility with trade-sales oil based coatings as well as solventborne wood stains.

- **Typical wood stain pigments available**
- **Excellent for trade-sales alkyds and wood stains**
- **Based on Odorless Mineral Spirits (OMS)**

Technology

QUAKER COLOR™ ALK is based on a standard soya oil-based alkyd dissolved in OMS odorless mineral spirits. Additional dispersants are added in some colors to assure stable pigment dispersions.

Pigmentation

The ALK Series is available in the basic colors for wood stains, as well as some additional pigments to cover the color space. The pigments were carefully selected to provide excellent chemical resistance and exterior durability. The pigments selected for wood stains have outstanding transparency.

Volatiles

The QUAKER COLOR™ ALK Series is based on traditional solventborne alkyd technology with OMS odorless mineral spirits as volatiles. OMS is considered a VOC.

Applications

QUAKER COLOR™ ALK Series can be used in trade sales alkyds. They were developed especially for use in solventborne traditional wood stains for exterior durability.

Compatibility

The ALK Series of colorants will react into the matrix for solventborne alkyds provided enough dryer is added to compensate for the additional alkyd resin added to the coating.

Use

ALK Series colorants are stir-in grades. They should be added under mild agitation. Even though we add an anti-skinning agent, alkyd resins will react with oxygen in the air and can form a skin. If this occurs carefully cut the skin off the top and filter the remaining product. The skin will not redissolve into the dispersion. Store at room temperature.

Quaker Color is happy to develop custom colors or resin systems. Please contact your local representative concerning minimum quantities and turn-around times.

QUAKER COLOR™ ALK Series

Soya Based ■ Long Oil Alkyd Dispersions ■ OMS based

Code	Description	P.I. Number	Light Fastness					Chemical Fastness								Composition by Weight [%]			VOC
			WPG [LB./ Gal.]	Density [g/ml]	Masstone	Tint	Temperature Resistance [°C]	Acid	Alkaline	Butanol	Butyl Glycol	Butyl Acetate	MEK	Mineral Spirits	Xylene	Pigment Solids	Vehicle Solids	Volatiles	[g/l]
ALK-B154-2988	Phthalo Blue GS	PB 15:4	8.1	0.97	8	7-8	200	5	5	4-5	4-5	4-5	4-5	5	5	24.0	40.5	35.5	345
ALK-BK7-2980	Lamp Black	PBk 7	8.5	1.02	8	8	200	5	5	5	5	5	5	5	5	19.4	59.8	20.8	212
ALK-BK7-2981	Tinting Black	PBk 7	8.6	1.03	8	8	200	5	5	5	5	5	5	5	5	29.5	39.0	31.5	324
ALK-BR7-29813	Burnt Umber	PBr 7	11.9	1.42	8	7-8	200	5	5	5	5	5	5	5	5	51.0	29.5	19.5	277
ALK-BR7-2985	Raw Umber	PBr 7	9.8	1.18	8	7-8	200	5	5	5	5	5	5	5	5	31.6	46.4	22.0	259
ALK-G7-2989	Phthalo Green	PG 7	8.3	0.99	8	7-8	200	5	5	5	4	5	5	5	5	24.0	35.5	37.5	372
ALK-R101-2983	Light Red Oxide	PR 101	15.9	1.91	8	7-8	200	5	5	5	5	5	5	5	5	64.4	23.7	11.9	227
ALK-R101T-2986	Transparent Red Oxide	PR 101	9.5	1.14	8	7-8	200	5	5	5	5	5	5	5	5	26.7	44.5	28.8	329
ALK-R254-29810	DPP Red	PR 254	8.4	1.00	8	7-8	200	5	5	4-5	4-5	5	4-5	5	5	30.0	33.0	37.0	370
ALK-R571-2982	Lithol Rubine	PR57:1	8.2	0.98	6	4	180	4	4	4-5	4	4-5	4-5	5	4-5	23.7	40.3	36.0	351
ALK-VDB-29812	Van Dyke Brown	Mix	9.2	1.11	8	8	200	5	5	5	5	5	5	5	5	41.0	26.5	32.5	360
ALK-W6-29815	Titanium Dioxide	PW 6	15.1	1.81	8	8	200	5	5	5	5	5	5	5	5	65.0	21.2	13.8	249
ALK-Y42-2984	Yellow Oxide	PY 42	12.8	1.53	7-8	7-8	180	5	5	5	5	5	5	5	5	56.6	18.3	25.1	385
ALK-Y42T-2987	Transparent Yellow Oxide	PY 42	9.6	1.15	7-8	7-8	180	5	5	5	5	5	5	5	5	34.8	32.7	32.5	375
ALK-Y74-29817	Hansa Yellow	PY 74	8.1	0.96	7-8	5-6	140	5	5	3-4	3-4	3	3	4	2-3	30.0	31.5	38.5	371

ALK-B154-2988 Phthalo Blue GS

ALK-BK7-2980 Lamp Black

ALK-BK7-2981 Tinting Black

ALK-BR7-29813 Burnt Umber

ALK-BR7-2985 Raw Umber

ALK-G7-2989 Phthalo Green

ALK-R101-2983 Light Red Oxide

ALK-R101T-2986 Transparent Red Oxide

ALK-R254-29810 DPP Red

ALK-R571-2982 Lithol Rubine

ALK-VDB-29812 Van Dyke Brown

ALK-W6-29815 Titanium Dioxide

ALK-Y42-2984 Yellow Oxide

ALK-Y42T-2987 Transparent Yellow Oxide

ALK-Y74-29817 Hansa Yellow

Lightfastness is on a scale from 1-8 with 1 being worst and 8 being best
Chemical fastness is on a scale from 1-5 with 1 worst and 5 best

* VOC is based on calculations. Traces of VOC might be present in “Zero”- VOC dispersions

Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user’s responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Should you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.

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