

Starting point formulations for architectural and decorative paints (Solvent-based)

Formulation Set 1	Titanium Dioxide	Special Black 100	Yellow Iron Oxide	Red Iron Oxide	Phthalo. Blue 15:3	Phthalo. Green 7	Organic Red 112	Organic Yellow 74
1) Long-oil alkyd (70-75%)	25.00	45.00	35.00	30.00	45.00	45.00	30.00	40.00
2) KAM-DCA 108	0.90	2.20	2.00	3.00	1.70	1.80	1.80	1.40
3) Anti-skinning agent	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
4) Aerosil 200	0.30	--	0.40	0.50	--	--	--	--
5) White spirit/Exxsol D40	13.30	24.30	12.10	6.00	24.80	27.70	37.70	23.10
6) Pigment	60.00	28.00	50.00	60.00	28.00	25.00	30.00	35.00
Total weight (g)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Formulation Set 2	Titanium Dioxide	Special Black 100	Yellow Iron Oxide	Red Iron Oxide	Phthalo. Blue 15:3	Phthalo. Green 7	Organic Red 112	Organic Yellow 74
1) Long-oil alkyd (70-75%)	25.00	45.00	35.00	30.00	45.00	45.00	30.00	40.00
2) KAM-DCA 102	1.28	3.14	2.86	4.29	2.43	2.57	2.57	2.00
3) Anti-skinning agent	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
4) Aerosil 200	0.30	--	0.40	0.50	--	--	--	--
5) White spirit/Exxsol D40	12.92	23.36	11.24	4.71	24.07	26.93	36.93	22.50
6) Pigment	60.00	28.00	50.00	60.00	28.00	25.00	30.00	35.00
Total weight (g)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00