

Starting point formulation – UV pigment concentrates utilizing DISPERBYK-168, DISPERBYK-2013 and DISPERBYK-2030

				Pigment	Sunbrite Yellow 275-2121	Permanent Orange RL 70	Irgalite Rubine D 4240	Fastogen Blue 249-5452	Special Black 250	Tioxide RFDO
				Supplier	Sun Chemical	Sudarshan	Sun Chemical	Sun Chemical	Orion Engineered Carbons	Venator
Position	Component	Supplier	Function	PY 13	PO 34	PR 146	PB 15:4	PBk 7	PW 6	
1	Ebecryl 81	Allnex		66.60	66.60	60.50	65.95	60.50	21.60	
2	Ebecryl 450	Allnex	Grinding resin	10.30	10.30	9.40	10.20	9.40	3.30	
3	DISPERBYK-168	BYK	Wetting and dispersing	-	-	10.00	-	10.00	25.00	
4	DISPERBYK-2013	BYK	Wetting and dispersing	3.00	3.00	-	-	-	-	
5	DISPERBYK-2030	BYK	Wetting and dispersing	-	-	-	3.75	-	-	
6	BYK-1790	BYK	Defoamer	0.10	0.10	0.10	0.10	0.10	0.10	
7	Pigment	see headline		20.00	20.00	20.00	20.00	20.00	50.00	
Total				100.00	100.00	100.00	100.00	100.00	100.00	

Instructions

Premix position 1–4, add pigment and disperse well (beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-168	-	-	15.00	-	-	15.00
DISPERBYK-2013	15.00	15.00	-	-	-	-
DISPERBYK-2030	-	-	-	15.00	15.00	-

Let down:

Ebecryl 81	89.80
BYK-377	0.20
SPEEDCURE BMS	10.00
Total	100.00

Pigmentconc. : Let down 6g : 4g



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