

Starting point formulation – Water-based pigment concentrates with binder utilizing DISPERBYK-193 and DISPERBYK-195

				Pigment Sunbrite Yellow 275-9865	Permanent Orange RL 70	Sunbrite Red 219-350K	Heuco Green 600734	Sunfast Blue 249-1282	TCV 02307 R-IN
				Supplier Sun Chemical	Sudarshan	Sun Chemical	Sudarshan	Sun Chemical	Trust Chem
Position	Component	Supplier	Function	PY 13	PO 34	PR 57:1	PGr 7	PB 15:3	PV 23
1	Water			30.20	30.20	30.20	30.20	30.20	30.20
2	Joncryl 8078	BASF	Grinding resin	27.90	27.90	27.90	27.90	27.90	27.90
3	DISPERBYK-193	BYK	Wetting and dispersing	-	1.40	1.40	1.40	1.40	1.40
4	DISPERBYK-195	BYK	Wetting and dispersing	1.40	-	-	-	-	-
5	BYK-1719	BYK	Defoamer	0.50	0.50	0.50	0.50	0.50	0.50
6	Pigment	see headline		40.00	40.00	40.00	40.00	40.00	40.00
Total				100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-193	-	1.40 %	-	1.40 %	1.40 %	1.40 %
DISPERBYK-195	1.40 %	-	1.40 %	-	-	-

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Pigment	Printex 25
Supplier	Orion Engineered Carbons

Position	Component	Supplier	Function	PBk 7
1	Water			30.20
2	Joncryl 8078	BASF	Grinding resin	27.90
3	DISPERBYK-193	BYK	Wetting and dispersing	-
4	DISPERBYK-195	BYK	Wetting and dispersing	1.40
5	BYK-1719	BYK	Defoamer	0.50
6	Pigment	see headline		40.00
Total				100.00

Instructions

Premix position 1–5, add pigment and disperse well (beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-193	-
DISPERBYK-195	1.40 %



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