

Starting point formulation – Water-based pigment concentrates for universal application with DISPERBYK-2061

				Pigment						
				Hansa Brilliant Yellow 2GX 70	Novoperm Yellow HR 70	Paliotol Yellow L 0962 HD	Sico Orange L 3052 HD	Novoperm Orange HL 70	Paliotol Orange L 2930 HD	Permanent Red FGR 70
				Supplier						
				Sudarshan	Sudarshan	Sun Chemical	Sun Chemical	Sudarshan	Sun Chemical	Sudarshan
Position	Component	Supplier	Function	PY 74	PY 83	PY 138	PO 5	PO 36	PO 67	PR 112
1	Water		Solvent	37.50	39.50	32.00	27.20	33.00	34.00	43.00
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10
3	BYK-1640	BYK	Defoamer	0.50	0.50	0.40	0.40	0.40	0.40	0.50
4	DISPERBYK-2061	BYK	Wetting and dispersing	4.00	4.00	10.00	7.50	7.00	7.00	5.30
5	Blanc Fixe micro	Venator	Filler	10.00	-	-	-	-	-	10.00
6	Pigment	See headline	Color	40.00	40.00	40.00	50.00	35.00	35.00	35.00
7	BYK-1640	BYK	Defoamer	0.20	0.20	0.20	0.20	0.20	0.20	0.20
8	Water		Solvent	7.70	15.70	17.30	14.60	24.30	23.30	5.90
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–4, add pigment/filler and disperse well (beads are recommended), add position 7–8 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2061	10.00 %	10.00 %	25.00 %	15.00 %	20.00 %	20.00 %	15.10 %
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				Pigment	Irgazin Red L 3670 HD	Hostaperm Pink E	Sudaperm Pink 2997	Quindo Violet 19	Sunfast Blue 248-0615	Heliogen Blue L 7101 F	Heliogen Green L 8730
				Supplier	Sun Chemical	Sudarshan	Sudarshan	Sun Chemical	Sun Chemical	Sun Chemical	Sun Chemical
					PR 254	PR 122	PR 122	PV 19	PB 15:2	PB 15:4	PG 7
Position	Component	Supplier	Function								
1	Water		Solvent	35.00	60.00	62.00	29.50	30.00	37.00	35.00	
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
3	BYK-1640	BYK	Defoamer	0.50	0.70	0.70	0.40	0.50	0.50	0.50	0.50
4	DISPERBYK-2061	BYK	Wetting and dispersing	5.30	4.00	4.00	7.50	12.30	8.80	6.00	
5	Blanc Fixe micro	Venator	Filler	10.00	-	-	10.00	-	10.00	10.00	10.00
6	Pigment	See headline	Color	35.00	20.00	20.00	25.00	35.00	35.00	35.00	40.00
7	BYK-1640	BYK	Defoamer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
8	Water		Solvent	13.90	15.00	13.00	27.30	21.90	8.40	8.20	
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–4, add pigment/filler and disperse well (beads are recommended), add position 7–8 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2061	15.10%	20.00%	20.00%	30.00%	35.10%	25.10%	15.00%
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Position	Component	Supplier	Function	Pigment			
				Elftex 415	Raven 410	Lamp Black 101	Monarch 120
Supplier				Cabot Corporation	Birla Carbon	Orion Engineered Carbons	Cabot Corporation
				PBk 7	PBk 7	PBk 7	PBk 7
1	Water		Solvent	24.00	24.00	48.00	39.50
2	Preservative		Preservative	0.10	0.10	0.10	0.10
3	BYK-1640	BYK	Defoamer	0.40	0.40	0.50	0.40
4	DISPERBYK-2061	BYK	Wetting and dispersing	6.00	6.00	8.00	9.60
5	Blanc Fixe micro	Venator	Filler	-	-	15.00	-
6	Pigment	See headline	Color	20.00	20.00	20.00	32.00
7	BYK-1640	BYK	Defoamer	0.10	0.10	0.20	0.10
8	Water		Solvent	49.40	49.40	8.20	18.30
Total				100.00	100.00	100.00	100.00

Instructions

Premix position 1–4, add pigment/filler and disperse well (beads are recommended), add position 7–8 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2061	30.00 %	30.00 %	40.00 %	30.00 %
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Your local contact

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0

info@byk.com
www.byk.com

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