

Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-2015

				<table border="1"> <tr> <td>Pigment</td> <td>Tiona 595</td> <td>Bayferrox 3920</td> <td>Hansa Brilliant Yellow 5GX</td> <td>Novoperm Orange HL 70</td> <td>Bayferrox 130 M</td> <td>Permanent Red FGR 70</td> <td>Irgazin Red L 3670 HD</td> <td>Hostaperm Pink E</td> </tr> <tr> <td>Supplier</td> <td>Tronox</td> <td>Lanxess</td> <td>Sudarshan</td> <td>Sudarshan</td> <td>Lanxess</td> <td>Sudarshan</td> <td>Sun Chemical</td> <td>Sudarshan</td> </tr> </table>									Pigment	Tiona 595	Bayferrox 3920	Hansa Brilliant Yellow 5GX	Novoperm Orange HL 70	Bayferrox 130 M	Permanent Red FGR 70	Irgazin Red L 3670 HD	Hostaperm Pink E	Supplier	Tronox	Lanxess	Sudarshan	Sudarshan	Lanxess	Sudarshan	Sun Chemical	Sudarshan
Pigment	Tiona 595	Bayferrox 3920	Hansa Brilliant Yellow 5GX	Novoperm Orange HL 70	Bayferrox 130 M	Permanent Red FGR 70	Irgazin Red L 3670 HD	Hostaperm Pink E																						
Supplier	Tronox	Lanxess	Sudarshan	Sudarshan	Lanxess	Sudarshan	Sun Chemical	Sudarshan																						
Position	Component	Supplier	Function	PW 6	PY 42	PY 74	PO 36	PR 101	PR 112	PR 254	PR 122																			
1	Water		Solvent	16.70	30.10	24.80	15.00	16.00	29.00	29.00	28.00																			
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10																			
3	BYK-021	BYK	Defoamer	0.30	0.30	0.40	0.40	0.30	0.40	0.40	0.50																			
4	DISPERBYK-2015	BYK	Wetting and dispersing	3.80	13.80	15.00	22.00	7.50	15.00	15.00	22.00																			
5	OPTIGEL-WX	BYK	Anti-settling	0.50	0.50	-	-	0.50	-	-	-																			
6	Blanc Fixe micro	Venator	Filler	-	-	15.00	18.00	10.00	15.00	15.00	10.00																			
7	Pigment	See headline	Color	75.00	55.00	40.00	35.00	60.00	35.00	35.00	35.00																			
8	BYK-021	BYK	Defoamer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20																			
9	Water		Solvent	3.40	-	4.50	9.30	5.40	5.30	5.30	4.20																			
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00																			

Instructions

Premix position 1–5, add pigment/filler and disperse well (dissolver or beads are recommended), add position 8–9 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	2.00%	10.00%	15.00%	25.10%	5.00%	17.10%	17.10%	25.10%

Also available as a biocide-free variant (see brochure B-AN 2).



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Position	Component	Supplier	Function	Pigment				
				PV 23	PB 15:1	PB 15:3	PG 7	PBk 7
				Hostaperm Violet RL spec.	Hostaperm Blue A4R	Heliogen Blue L 7085	Heliogen Green L 8730	Monarch 120
				Sudarshan	Sudarshan	Sun Chemical	Sun Chemical	Cabot Corporation
1	Water		Solvent	26.40	21.90	28.80	19.90	28.40
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10
3	BYK-021	BYK	Defoamer	0.30	0.40	0.40	0.30	0.30
4	DISPERBYK-2015	BYK	Wetting and dispersing	14.00	26.00	15.00	15.00	12.50
5	OPTIGEL-WX	BYK	Anti-settling	-	-	-	-	-
6	Blanc Fixe micro	Venator	Filler	15.00	10.00	20.00	20.00	25.00
7	Pigment	See headline	Color	35.00	35.00	30.00	35.00	25.00
8	BYK-021	BYK	Defoamer	0.20	0.20	0.20	0.20	0.20
9	Water		Solvent	9.00	6.40	5.50	9.50	8.50
Total				100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–5, add pigment/filler and disperse well (dissolver or beads are recommended), add position 8–9 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	16.00 %	29.70 %	20.00 %	17.10 %	20.00 %
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