

Starting Point Formulation

Pigment concentrates for water borne systems using DISPERBYK-2015

Pos.	Component	Supplier	Pigment supplier Function	Tiona RCL 595	Bayferrox 3920	Hansa- brillant Yellow 5GX	Novoperm Orange HL 70	Bayferrox 130 M
				Tronox PW 6	Lanxess PY 42	Clariant PY 74	Clariant PO 36	Lanxess PR 101
1	Water		Solvent	16.7	30.1	24.8	15.0	16.0
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.3	0.3	0.4	0.4	0.3
4	DISPERBYK-2015	BYK	Wetting & Dispersing	3.8	13.8	15.0	22.0	7.5
5	OPTIGEL-WX	BYK	Anti-settling	0.7	0.5	0.4	0.4	0.5
6	Blanc Fixe micro	Sachtleben	Filler	-	-	15.0	18.0	10.0
7	Pigment	see headline	Color	75.0	55.0	40.0	35.0	60.0
Grinding								
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
9	Water		Solvent	3.2	-	4.1	8.9	5.4
				100.0	100.0	100.0	100.0	100.0

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2015

2.0

10.0

15.0

25.1

5.0

Instructions

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

ACTAL®, ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK® MAX®, BYK® SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYPK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PAPERBYK®, PERMONT®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

Starting Point Formulation

Pigment concentrates for water borne systems using DISPERBYK-2015

Pos.	Component	Supplier	Pigment supplier Function	Permanent Red FGR 70	Irgazin Red L3670HD	Hostaperm Pink E	Hostaperm Violet RL special	Hostaperm Blue A4R
				Clariant PR 112	Ciba PR 254	Clariant PR 122	Clariant PV 23	Clariant PB 15:1
1	Water		Solvent	29.0	29.0	28.0	26.4	21.9
2	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.4	0.4	0.5	0.3	0.4
4	DISPERBYK-2015	BYK	Wetting & Dispersing	15.0	15.0	22.0	14.0	26.0
5	OPTIGEL-WX	BYK	Anti-settling	0.5	0.5	-	-	0.5
6	Blanc Fixe micro	Sachtleben	Filler	15.0	15.0	10.0	15.0	10.0
7	Pigment	see headline	Color	35.0	35.0	35.0	35.0	35.0
Grinding								
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
9	Water		Solvent	4.8	4.8	4.2	9.0	5.9
				100.0	100.0	100.0	100.0	100.0

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2015

17.1

17.1

25.1

16.0

29.7

Instructions

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

ACTAL®, ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK® MAX®, BYK® SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYPK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PAPERBYK®, PERMONT®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

Starting Point Formulation

Pigment concentrates for water borne systems using DISPERBYK-2015

Pos.	Component	Supplier	Pigment supplier Function	Heliogen Blue L 7085	Heliogen Green L8730	Monarch 120
				BASF	BASF	Cabot Corporation
				PB 15:3	PG 7	PBk 7
1	Water		Solvent	28.8	19.9	28.4
2	Preservative		Preservative	0.1	0.1	0.1
3	BYK-1640	BYK	Defoamer	0.4	0.3	0.3
4	DISPERBYK-2015	BYK	Wetting & Dispersing	15.0	15.0	12.5
5	OPTIGEL-WX	BYK	Anti-settling	0.5	0.5	0.5
6	Blanc Fixe micro	Sachtleben	Filler	20.0	20.0	25.0
7	Pigment	see headline	Color	30.0	35.0	25.0
	Grinding					
8	BYK-1640	BYK	Defoamer	0.2	0.2	0.2
9	Water		Solvent	5.0	9.0	8.0
				100.0	100.0	100.0

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2015

20.0

17.1

20.0

Instructions

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

ACTAL®, ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-DYNWET®, BYK-MAX®, BYK-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYPK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PAPERBYK®, PERMONT®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.