

Starting point formulation – Pigment concentrates for solvent-based systems with DISPERBYK-2150

				Pigment		Supplier					
				Kronos 2160 Kronos International	Bayferrox 3920 Lanxess	Hostaperm Yellow H4G Heubach	Bayferrox 130 M Lanxess	Novoperm Red F3RK70 Heubach	Heliogen Blue L 6875 F BASF	Heliogen Green L 8730 BASF	Special black 4 Powder Orion Engineered Carbons
Position	Component	Supplier	Function	PW 6	PY 42	PY 151	PR 101	PR 170	PB 15:2	PG 7	PBk 7
1	Acrylic resin (75% solids)		Resin	20.00	18.00	16.00	18.00	31.00	24.00	28.00	36.00
2	Methoxypropyl acetate		Solvent	9.10	21.30	37.20	12.30	20.00	48.80	32.10	23.30
3	DISPERBYK-2150	BYK	Wetting and dispersing	2.60	6.20	11.80	9.20	13.50	8.70	14.40	16.20
4	BYK-SYNERGIST 2100	BYK	Wetting and dispersing	-	-	-	-	-	0.50	0.50	0.50
5	BYK-SYNERGIST 2105	BYK	Wetting and dispersing	-	-	-	-	0.50	-	-	-
6	GARAMITE-7305	BYK	Anti-settling	0.30	0.50	-	0.50	-	-	-	-
7	Pigment	See headline	Color	68.00	54.00	35.00	60.00	35.00	18.00	25.00	24.00
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–6, add pigment and disperse (grind) well (beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2150	2.00 %	6.00 %	17.50 %	8.00 %	20.00 %	25.00 %	30.00 %	35.00 %
BYK-SYNERGIST 2100	-	-	-	-	-	2.50 %	2.00 %	2.00 %
BYK-SYNERGIST 2105	-	-	-	-	1.50 %	-	-	-

Pigment : binder ratio (solid : solid binder)	4.50 : 1	4.00 : 1	2.90 : 1	4.4 : 1	1.50 : 1	1.00 : 1	1.20 : 1	0.90 : 1
---	----------	----------	----------	---------	----------	----------	----------	----------

Remark

Changing the pigment or solvent in the formulation may change the viscosity!
The required grinding viscosity depends on the grinding equipment and must be updated.

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

ADD-MAX®, ADD-VANCE®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK-DYNWET®, BYK-MAX®, BYK-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKOZBLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURABYK®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® 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.

This issue replaces all previous versions.

