

## Starting point formulation – Pigment concentrates for 100 % UV systems with DISPERBYK-2155

				Pigment	Ti-Pure R-902	Hostaperm Yellow H4G	Bayferrox 130 M	Irgazin Red L 3660 HD	Heliogen Blue L 7101 F	Special Black 250
				Supplier	Chemours	Sudarshan	Lanxess	Sun Chemical	Sun Chemical	Orion Engineered Carbons
Position	Component	Supplier	Function	PW 6	PY 151	PR 101	PR 254	PB 15:4	PBk 7	
1	Dipropylene glycol diacrylate		Solvent	32.90	74.00	32.00	60.40	73.00	82.00	
2	DISPERBYK-2155	BYK	Wetting and dispersing	1.30	6.00	7.20	9.00	6.00	8.00	
3	BYK-SYNERGIST 2100	BYK	Wetting and dispersing	-	-	-	-	1.00	-	
4	BYK-SYNERGIST 2105	BYK	Wetting and dispersing	-	-	-	0.60	-	-	
5	RHEOBYK-7410 ET	BYK	Anti-settling	0.80	-	0.80	-	-	-	
6	Pigment	See headline	Color	65.00	20.00	60.00	30.00	20.00	10.00	
<b>Total</b>				<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	

### Instructions

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

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2155	2.00 %	30.00 %	12.00 %	30.00 %	30.00 %	80.00 %
BYK-SYNERGIST 2100	-	-	-	-	5.00 %	-
BYK-SYNERGIST 2105	-	-	-	2.00 %	-	-

### 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 adapted.



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