

## Starting point formulation – Pigment concentrates for water-based flooring systems with DISPERBYK-2018

Position	Component	Supplier	Function	Pigment						
				Tioxide TR 92 Supplier: Venator	Bayferrox 3920 Lanxess	Bayferrox 130 M Lanxess	Bayferrox 318 M Lanxess	Hansa Brilliant Yellow 2GX 70 Sudarshan	Novoperm Orange HL 70 Sudarshan	Irgazin Red 3660 HD Sun Chemical
				PW 6	PY 42	PR 101	77499	PY 74	PO 36	PR 254
1	Water		Solvent	30.47	36.80	27.66	36.80	36.12	43.82	33.91
2	Biocide		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10
3	BYK-1711	BYK	Defoamer	0.30	0.30	0.30	0.30	0.30	0.30	0.30
4	DISPERBYK-2018	BYK	Wetting and dispersing	1.93	7.40	11.54	7.21	23.08	17.31	30.29
5	RHEOBYK-7420 CA	BYK	Anti-settling	0.20	0.20	0.20	0.20	0.20	0.20	0.20
6	ASP 170	BASF	Filler	-	-	-	-	-	-	-
7	Pigment	See headline	Color	67.00	55.00	60.00	25.00	40.00	30.00	35.00
<b>Grinding</b>										
8	BYK-1711	BYK	Defoamer	-	0.20	0.20	0.20	0.20	0.20	0.20
9	Water		Solvent	-	-	-	30.19	-	8.07	-
<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>	<b>100.00</b>

### Instructions

Premix position 1–4, add position 5 while stirring, add pigment and filler and disperse well (dissolver or beads are recommended), add position 8 and 9 under stirring.

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2018	1.50 %	7.00 %	10.00 %	15.00 %	30.00 %	30.00 %	45.00 %
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Position	Component	Supplier	Function	Pigment				
				PR 122	PV 23	PB 15:3	PG 7	PBk 7
				Hostaperm Pink E Sudarshan	Hostaperm Violet RL NF Sudarshan	Heliogen Blue L 7085 Sun Chemical	Heliogen Green L 8730 Sun Chemical	Raven Ultra II Birla Carbon
1	Water		Solvent	43.80	43.82	43.82	32.29	44.70
2	Biocide		Preservative	0.10	0.10	0.10	0.10	0.10
3	BYK-1711	BYK	Defoamer	0.30	0.30	0.40	0.30	0.30
4	DISPERBYK-2018	BYK	Wetting and dispersing	13.27	5.77	15.38	23.07	10.80
5	RHEOBYK-7420 CA	BYK	Anti-settling	0.20	0.20	0.20	0.20	0.20
6	ASP 170	BASF	Filler	-	-	-	-	10.00
7	Pigment	See headline	Color	23.00	10.00	40.00	40.00	8.00
<b>Grinding</b>								
8	BYK-1711	BYK	Defoamer	0.20	0.20	0.10	0.20	0.10
9	Water		Solvent	19.13	39.61	-	3.84	25.80
<b>Total</b>				<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

### Instructions

Premix position 1–4, add position 5 while stirring, add pigment and filler and disperse well (dissolver or beads are recommended), add position 8 and 9 under stirring.

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2018	30.00 %	30.00 %	20.00 %	30.00 %	70.00 %
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