

## Starting Formulation

Transparent iron oxide concentrates for water borne systems  
 using DISPERBYK-199

Pos.	Component	Supplier	Function	Sicotrans		Sicotrans		Sicotrans	
				PY 42		-		PR 101	
1	Water		Solvent	30.0	30.0	30.0	30.0	30.0	30.0
2	Preservative		Preservative	0.2	0.2	0.2	0.2	0.2	0.2
3	<b>BYK-1615</b>	<b>BYK</b>	<b>Defoamer</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
4	<b>DISPERBYK-199</b>	<b>BYK</b>	<b>Wetting &amp; Dispersing</b>	<b>19.0</b>	<b>19.0</b>	<b>20.4</b>	<b>20.4</b>	<b>21.9</b>	<b>21.9</b>
5	AEPD VOX 1000	Angus	neutralizing amine	-	1.0	-	1.0	-	1.0
Grinding									
6	Pigment	see headline	Color	38.0	38.0	37.0	37.0	35.0	35.0
7	Water		Solvent	12.3	11.3	11.9	10.9	12.4	11.4
				100.0	100.0	100.0	100.0	100.0	100.0

### Characteristic Data

% Additive Dosage (solids on pigment)

**DISPERBYK-199**

**20.0**

**20.0**

**22.1**

**22.1**

**25.0**

**25.0**

### Instructions

Premix position 1-5, add pigment and disperse well  
 (beads are recommended), add position 7 under stirring

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				PY 42		PR 101	
1	Water		Solvent	30.0	30.0	30.0	30.0
2	Preservative		Preservative	0.2	0.2	0.2	0.2
3	<b>BYK-1615</b>	<b>BYK</b>	<b>Defoamer</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
4	<b>DISPERBYK-199</b>	<b>BYK</b>	<b>Wetting &amp; Dispersing</b>	<b>21.9</b>	<b>21.9</b>	<b>21.9</b>	<b>21.9</b>
5	AEPD VOX 1000	Angus	neutralizing amine	-	1.0	-	1.0
	Grinding						
6	Pigment	see headline	Color	35.0	35.0	35.0	35.0
7	Water		Solvent	12.4	11.4	12.4	11.4
				100.0	100.0	100.0	100.0

### Characteristic Data

% Additive Dosage (solids on pigment)

**DISPERBYK-199**

**25.0**

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**25.0**

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