

## Starting Formulation

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

Pos.	Component	Supplier	Pigment supplier Function	Sicotrans yellow L1916		Sicotrans orange L2416		Sicotrans red L2816		Cappoxyt yellow 4214X		Cappoxyt red 4435B	
				BASF PY 42	BASF -	BASF PR 101	Capelle PY 42	Capelle PR 101					
1	Water		Solvent	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0	30,0
2	Acticide MBS	Thor	Preservative	0,2	0,2	0,2	0,2	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>	<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>	<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	-	1,0	-	1,0	-	1,0
6	Pigment & Color Index	see headline	Color	38,0	38,0	37,0	37,0	35,0	35,0	35,0	35,0	35,0	35,0
7	Water		Solvent	12,3	11,3	11,9	10,9	12,4	11,4	12,4	11,4	12,4	11,4
				100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0

### Instructions

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

### Characteristic Data

% Additive Dosage (solids on pigment)

<b>DISPERBYK-199</b>	<b>20,0</b>	<b>20,0</b>	<b>22,1</b>	<b>22,1</b>	<b>25,0</b>	<b>25,0</b>	<b>25,0</b>	<b>25,0</b>	<b>25,0</b>	<b>25,0</b>
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