

Starting Formulation

Pigment concentrates based on Araldite GY 793 for flooring applications using DISPERBYK-2152

Pos.	Component	Supplier	Function	Kronos 2360	Bayferrox 3920	Hostaperm yellow H3G	Bayferrox 120M	Novoperm red F3RK70
				PW 6	PY 42	PY 154	PR 101	PR 170
1	Araldite GY 793	Huntsman	Binder	38.2	42.7	61.6	34.9	62.5
2	DISPERBYK-2152	BYK	Wetting & Dispersing	1.5	4.0	8.1	4.8	7.5
3	BYK-SYNERGIST 2100	BYK	Wetting & Dispersing	-	-	-	-	-
4	Aerosil R972	Evonik	Anti-settling	0.3	0.3	0.3	0.3	-
5	Pigment & Color Index	see headline	Color	60.0	53.0	30.0	60.0	30.0
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-4, add pigment and disperse well (beads are recommended)

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2152	2.5	7.5	27.0	8.0	25.0
BYK-SYNERGIST 2100	-	-	-	-	-

Pigment : binder ratio (solid : solid binder) 1.6 : 1 1.2 : 1 0.5 : 1 1.7 : 1 0.5 : 1

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Pos.	Component	Supplier	Function	Hostaperm pink E	Heliogen blue L7101F	Colortherm green GN-M	Heliogen green L8735	Special black 4
				PR 122	PB 15:4	PG 17	PG 7	PBk 7
1	Araldite GY 793	Huntsman	Binder	77.0	75.4	38.0	68.0	74.0
2	DISPERBYK-2152	BYK	Wetting & Dispersing	5.0	6.3	4.0	8.1	6.0
3	BYK-SYNERGIST 2100	BYK	Wetting & Dispersing	-	0.3	-	0.9	-
4	Aerosil R972	Evonik	Anti-settling	-	-	-	-	-
5	Pigment & Color Index	see headline	Color	18.0	18.0	58.0	23.0	20.0
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-4, add pigment and disperse well
 (beads are recommended)

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2152	27.8	35.0	6.9	35.2	30.0
BYK-SYNERGIST 2100	-	1.7	-	3.9	-

Pigment : binder ratio (solid : solid binder) 0.2 : 1 0.2 : 1 1.5 : 1 0.3 : 1 0.3 : 1

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