

Starting point formulation – Matting agent pastes for solvent-borne systems with DISPERBYK-2159

Position	Component	Supplier	Function	Matting agent					
				Acematt TS 100 Evonik	Acematt OK 412 Evonik	Acematt OK 500 Evonik	Acematt OK 520 Evonik	Syloid ED 30 Grace	Syloid ED 30 Grace
				Fumed silica	Precipitated silica	Precipitated silica	Precipitated silica	Silica gel	Silica gel
1	Dowanol PMA	DOW	Solvent	60.00	43.50	47.50	51.80	46.60	46.80
2	Dowanol PM	DOW	Solvent	15.00	10.80	11.80	12.70	11.90	12.00
3	DISPERBYK-2159	BYK	Wetting and dispersing	2.50	8.30	8.80	5.00	7.10	7.50
4	RHEOBYK-7410 ET	BYK	Rheology	0.20	0.20	0.40	0.30	0.30	0.20
5	Matting agent	See headline	Matting	6.00	20.00	21.00	12.00	17.00	18.00
6	Downaol PMA	DOW	Solvent	12.90	13.80	8.40	14.60	13.70	12.40
7	Downaol PM	DOW	Solvent	3.40	3.40	2.10	3.60	3.40	3.10
Total				100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1-4, add the matting agent under stirring and disperse well for at least 10 min at high shear. Add rest of solvent after grinding and mix it until it is homogeneous.

Characteristic data

Additive dosage (solids on matting agent)

DISPERBYK-2159	25.00 %	25.00 %	25.00 %	25.00 %	25.00 %	25.00 %
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This issue replaces all previous versions.

