



Additive Selection Chart P-AG 1

Printing Inks and Overprint Varnishes

November 2015

Printing Inks and Overprint Varnishes

Packaging Gravure and Flexographic Inks

	Pigment Stabilization, Gloss, Transparency			Rheology Control	Substrate Wetting	Leveling	Surface Slip	Anti-slip	Abrasion Resistance	Water Resistance	Defoaming	Matting
	Inorganic Pigments	Organic Pigments	Pigment Concentrates									
Solvent-borne	DISPERBYK-111 DISPERBYK-180 DISPERBYK-2096	DISPERBYK-108 DISPERBYK-142 DISPERBYK-2117 DISPERBYK-2118 BYK-SYNERGIST 2102 DISPERBYK-2200	DISPERBYK-108 DISPERBYK-2200 DISPERBYK-2013	BYK-7410 ET TIXOGEL-EZ 100 TIXOGEL-MP 100	Silicone: BYK-307 BYK-333 Silicone-free: BYK-DYNWET 800 N		Silicone: BYK-307 BYK-333 Wax: CERAFLOUR 991		Silicone: BYK-333 BYK-307 Wax: CERAFLOUR 988		Silicone: BYK-392 BYK-067 A BYK-088 Silicone-free: BYK-1752	CERAFLOUR 988 CERAFLOUR 1000
Aqueous	DISPERBYK-180 DISPERBYK-190	DISPERBYK-190 DISPERBYK-193 DISPERBYK-192 DISPERBYK-2012 DISPERBYK-2015	Grind with resin: DISPERBYK-190 DISPERBYK-193 Resin-free grind: DISPERBYK-190 DISPERBYK-192 DISPERBYK-2015	BYK-425 BYK-7420 ES	Silicone: BYK-333 BYK-3455 BYK-347 Silicone-free: BYK-381 BYK-DYNWET 800 N		Silicone: BYK-307 BYK-333 Wax: AQUACER 539 AQUACER 552	AQUACER 593 AQUACER 527	Silicone: BYK-331 BYK-307 Wax: AQUACER 532 AQUACER 531 AQUACER 552	AQUACER 497 AQUACER 533 AQUACER 539	Silicone: BYK-017 BYK-024 BYK-044 BYK-094 BYK-021 BYK-022 BYK-1650 Silicone-free: BYK-012 BYK-016 BYK 1740	AQUAMAT 263 CERAFLOUR 1000 AQUAMAT 272
UV 100 %	DISPERBYK-111 DISPERBYK-2009 DISPERBYK-2013	DISPERBYK 2013 DISPERBYK-168 DISPERBYK-2155	DISPERBYK-2013 DISPERBYK-168 DISPERBYK-111 DISPERBYK-2155		Silicone: BYK-377 BYK-3455 BYK-UV 3500 BYK-UV 3510 BYK-UV 3505 BYK-333 Silicone-free: BYK-354 BYK-381 BYK-361 N	Silicone: BYK-3455 BYK-307 BYK-333 BYK-345 Silicone-free: BYK-354 BYK-381 BYK-361 N	Silicone: BYK-307 BYK-377 BYK-UV 3505 Wax: CERAFLOUR 950 CERAFLOUR 991		Silicone: BYK-377 BYK-UV 3510 Wax: CERAFLOUR 950 CERAFLOUR 991		Silicone: BYK-067 A BYK-088 BYK-1798 Silicone-free: BYK-1752 BYK-1790 BYK-1791 BYK-1752 BYK-1794	CERAFLOUR 1000
First recommendation Second recommendation												

Offset Inks

Rheology Control	Abrasion Resistance
CLAYTONE-40 CLAYTONE-AF CLAYTONE-HY	CERAFLOUR 991 MINERPOL 221
First recommendation Second recommendation	

Overprint Varnishes

	Substrate Wetting	Leveling	Surface Slip	Anti-slip	Abrasion Resistance	Water Resistance	Defoaming	Matting	Rheology Control
Aqueous	Silicone: BYK-3455 BYK-345 BYK-347 BYK-348 Silicone-free: BYK-DYNWET 800 N BYK-3410	Silicone: BYK-333 BYK-307 Silicone-free: BYK-381	Silicone: BYK-307 BYK-333 Wax: AQUACER 539 AQUACER 552	AQUACER 593 AQUACER 527	Silicone: BYK-333 Wax: AQUACER 532 AQUACER 552 AQUACER 531	AQUACER 497 AQUACER 533 AQUACER 539	Silicone: BYK-019 BYK-1719 BYK-021 BYK-022 BYK-024 BYK-044 BYK-094 Silicone-free: BYK-016 BYK-1740	AQUAMAT 263 CERAFLOUR 1000 AQUAMAT 272	BYK-425 BYK-7420 ES
UV aqueous	Silicone: BYK-3455 Silicone-free: BYK-DYNWET 800 N BYK-3410	Silicone: BYK-345 Silicone-free: BYK-381	Silicone: BYK-333 BYK-307 Wax: AQUACER 539 AQUACER 552	AQUACER 593 AQUACER 527	Silicone: BYK-333 BYK-UV 3500 Wax: AQUACER 532 AQUACER 552	AQUACER 497 AQUACER 533 AQUACER 539	Silicone: BYK-019 BYK-094	AQUAMAT 263 CERAFLOUR 1000 AQUAMAT 272	BYK-425 BYK-7420 ES
UV 100 %	Silicone: BYK-377 BYK-UV 3500 BYK-UV 3505 Silicone-free: BYK-381	Silicone: BYK-377 BYK-3455 BYK-345 BYK-UV 3505 Silicone-free: BYK-354 BYK-381	Silicone: BYK-377 BYK-UV 3505 BYK-307 Wax: CERAFLOUR 950 CERAFLOUR 991		Silicone: BYK-377 BYK-UV 3510 Wax: CERAFLOUR 950 CERAFLOUR 991		Silicone: BYK-019 BYK-1798 BYK-067 A BYK-088 Silicone-free: BYK-1752 BYK-1790 BYK-1794 BYK-057	CERAFLOUR 1000	BYK-7410 ET
First recommendation Second recommendation									

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