



Additive Selection Chart H-AG 1

Powder Coatings

January 2017

Pigmented Powder Coatings

	Leveling, Anti-cratering	Improved recoatability	Improved anti-crater robustness	Processing (Pigment wetting, extrusion, outgassing, gloss, haze, flow)	Gloss reduction	Scratch resistance, Surface slip	Scar effect	Anti-slip	Outgassing (Porous substrate)	Degassing (Trapped air/ humidity/ HAA-systems)	Texture	Structure, Hammertone effect, Antique finish	Pigment wetting	Viscosity increase (Optimized texture, edge covering)
Standard resins (Polyester, epoxide, epoxy-polyester, acrylate)	BYK-360 P BYK-368 P BYK-3900 P BYK-3902 P BYK-364 P BYK-3933 P	BYK-3933 P BYK-364 P	BYK-3931 P*	BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 960 DISPERBYK-2200 DISPERBYK-2205	CERAFLOUR 929 CERAFLOUR 950 CERAFLOUR 970 CERAFLOUR 991	BYK-3932 P CERAFLOUR 981 CERAFLOUR 996 CERAFLOUR 997		CERAFLOUR 970	CERAFLOUR 961 CERAFLOUR 962 BYK-3950 P BYK-3951 P BYK-3955 P	CERAFLOUR 960 CERAFLOUR 964 BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 993	CERAFLOUR 955 CERAFLOUR 958 CERAFLOUR 959 CLAYTONE-HY TIXOGEL-MP 100	CERAFLOUR 967	BYK-3950 P BYK-3951 P BYK-3955 P DISPERBYK-2200 DISPERBYK-2205 RHEOCIN	CLAYTONE-HY TIXOGEL-MP 100 GARAMITE-7305
Low temperature cure	BYK-368 P BYK-3900 P BYK-3902 P BYK-364 P	BYK-3933 P BYK-364 P	BYK-3931 P*	BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 960 DISPERBYK-2200 DISPERBYK-2205	CERAFLOUR 929 CERAFLOUR 950	BYK-3932 P CERAFLOUR 996 CERAFLOUR 981 CERAFLOUR 997			CERAFLOUR 961 CERAFLOUR 962 BYK-3950 P BYK-3951 P BYK-3955 P	CERAFLOUR 964 BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 960 CERAFLOUR 993	CERAFLOUR 955 CERAFLOUR 958 CERAFLOUR 959 CLAYTONE-HY TIXOGEL-MP 100	CERAFLOUR 967	BYK-3950 P BYK-3951 P BYK-3955 P DISPERBYK-2200 DISPERBYK-2205 RHEOCIN	CLAYTONE-HY TIXOGEL-MP 100 GARAMITE-7305
Thin layer	BYK-3902 P		BYK-3931 P*	BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 960 DISPERBYK-2200 DISPERBYK-2205	CERAFLOUR 929 CERAFLOUR 950 CERAFLOUR 991	BYK-3932 P CERAFLOUR 996 CERAFLOUR 997			CERAFLOUR 961 CERAFLOUR 962 BYK-3950 P BYK-3951 P BYK-3955 P	CERAFLOUR 960 CERAFLOUR 964 BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 993	CERAFLOUR 955 CERAFLOUR 958 CERAFLOUR 959 CLAYTONE-HY TIXOGEL-MP 100		BYK-3950 P BYK-3951 P BYK-3955 P DISPERBYK-2200 DISPERBYK-2205 RHEOCIN	CLAYTONE-HY TIXOGEL-MP 100 GARAMITE-7305
UV curing	BYK-368 P BYK-3902 P		BYK-3931 P*		CERAFLOUR 920 CERAFLOUR 950	CERAFLOUR 920 CERAFLOUR 950	CERAFLOUR 960 CERAFLOUR 994		CERAFLOUR 961 CERAFLOUR 962 BYK-3950 P BYK-3951 P BYK-3955 P	CERAFLOUR 960 CERAFLOUR 964 BYK-3950 P BYK-3951 P BYK-3955 P CERAFLOUR 993	CERAFLOUR 955 CERAFLOUR 958 CERAFLOUR 959			
* only in combination with standard leveling additives														
				First rcommendation	Second recommendation									

Powder Clearcoats

	Leveling, Anti-cratering	Surface slip	Gloss reduction	Degassing
Standard resins (Polyester, epoxide, epoxy-polyester, acrylate)	BYK-3900 P BYK-3933 P For acrylates: BYK-361 N	BYK-3932 P CERAFLOUR 960	CERAFLOUR 970 CERAFLOUR 991	CERAFLOUR 964 CERAFLOUR 960
UV curing	BYK-361 N	CERAFLOUR 920 CERAFLOUR 981	CERAFLOUR 970 CERAFLOUR 991	
First rcommendation Second recommendation				

Production of Masterbatch Resins

Leveling, Anti-cratering
BYK-361 N BYK-356 BYK-359
First rcommendation Second recommendation



For more information about our additives and instruments, as well as our additive sample orders please visit:

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