

**DECORATIVE COATINGS:  
Selection Chart for  
Incorporation and Application**

			Crayvallac Super	Crayvallac SF	Crayvallac MT	Crayvallac 60X	Crayvallac PA3X20	Crayvallac PA3BA20	Crayvallac LA-100
Supply Form			powder				paste		liquid
Type of Additive			polyamide	modified polyamide		polyethylene	polyamide		modified urea
Anti Settling			•	•	•	•	•	•	•
Anti Sagging			•	•	•	•	•	•	•
Thixotropy			•	•	•		•	•	•
Viscosity Correction							•	•	•
Method of Incorporation			high speed dispersion				post addition		
Incorporation of Additive	Activation Temperature (°C)	strong solvent	> 40	30 - 65	30 - 50	> 50			
		weak solvent	> 50		35 - 75	> 50			
	Dwell Time (mins)		20 - 30	20 - 30	20 - 30		keep consistant	keep consistant	keep consistant
	Dependant on System Polarity								•
	High Shear Incorporation		•	•	•	•			
	Shear Rate (peripheral speed)		18ms <sup>-1</sup>	18ms <sup>-1</sup>	18ms <sup>-1</sup>	18ms <sup>-1</sup>			
	Low Shear Incorporation						•	•	•
	Shear Rate (peripheral speed)						4ms <sup>-1</sup> consistant	4ms <sup>-1</sup> consistant	2.5ms <sup>-1</sup> consistant
	High Speed Disperse & Sand Mill		•	•	•	•			
Dosage (%)		0.5 - 2.0	0.2 - 1.5	0.2 - 1.5	0.8 - 1.65	0.5 - 5.0	0.5 - 5.0	0.2 - 2.0	
<b>Suggested Applications</b>									
Urethane Mod Alkyd			•		•	•	•	•	
Air Drying Alkyd			•		•	•	•	•	
Thermoplastic Acrylic			•	•	•	•	•	•	
Alkyd Wood Stains									•
Alkyd Wood Varnishes							•		