

# Additives for Composites



PATCHAM

>>> A SUSTAINABLE APPROACH TO MODERN COATING TECHNOLOGY

## Wetting and Dispersing Agents

Additive	Features	Applications						
		Unsaturated Polyester						Vinyl Esters / Epoxies
		Gelcoats	SMC / BMC	Pultrusion/ Filament Winding	Casting	Contact molding/ Laminating	Putties	
Pat-Add DA 2250	Solvent-free wetting and dispersing additive (100 % active substance) to wet inorganic fillers in systems in which solvents need to be avoided. Effective in ATH filled systems.	✓	✓	✓	✓	✓	⊗	✓
Pat-Add DA 2257	Universal and cost-effective wetting and dispersing additive for virtually all closed mold applications. Effective in ATH-filled systems.	✓	✓	✓	✓	✓	⊗	✓
Pat-Add DA 2704	Wetting and dispersing additive for dispersion of all traditional fillers such as calcium carbonate and aluminum trihydroxide (ATH). Reduces viscosity and dispersing time and prevents fillers from settling.						✓	
Pat-Add DA 2708	Wetting and dispersing additive for dispersion of all traditional fillers. Helps reducing filler settling during storage and application.						✓	
Pat-Add U 7510	Wetting and dispersing additive to prevent flooding and floatation. Prevents settling of pigments and fillers.	✓						✓
Pat-Add DA 3225	HMV-UCT solvent-free polymeric dispersing additive. Provides optimal color strength and jetness for pigment dispersions.	✓						✓
Pat-Add FW 1065	Improves wetting of reinforcement fibers and mold releasing properties of UPR gelcoats. Eliminate surface defects like craters and orange peel in gel coats.		✓	✓		✓		✓

## Air Release Agents

Additive	Features	Applications											
		Unsaturated Polyester					Vinyl Esters / Epoxies						
		Gelcoats	SMC / BMC	Pultrusion	Casting	Laminating	Putties	Gelcoats	Pultrusion	Casting	Laminating	Flooring/ Lining	
Pat-Add AF 75	Polymeric air-release agent for demonstrating rapid de-aeration. Suitable for pigmented and highly filled systems.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pat-Add AF 76	Silicone-free, polymeric de-aerator and defoamer for clear and transparent systems.	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓

## Rheology Modifiers

Additive	Features	Applications											
		Unsaturated Polyester					Vinyl Esters / Epoxies						
		Gelcoats	SMC / BMC	Pultrusion	Casting	Laminating	Putties	Gelcoats	Pultrusion	Casting	Laminating	Flooring/ Lining	
Pat-Add Rheol 253	Liquid rheology modifier contributing to the formation of a thixotropic structure and reducing the risk of separation. The product demonstrates excellent compatibility with a wide variety of systems.	✓	✓	✓	✓	✓	⊙	✓	✓	✓	✓	✓	⊙



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