



Engineered Additives

Product Properties & Applications Matrix

Key:
 Preferred:
 Recommended:
 Developmental:



Paving Applications	Hydrogreen® S	Hydrogreen® HFP	BituTech SEF	BituTech WA1	BituTech VPW	ReactiBOND	ReactiLINK	ReactiLINK XP
Green Renewable Chemistry, 100% renewable & safe	Preferred	Preferred	Preferred					
Asphalt Viscosity Reduction, 7-9% to change 3000 vis to 600 vis	Preferred	Preferred						
Improve m-Value base binder and mix	Preferred							
Hot-Mix Viscosity Reduction, e.g. Improve Handling and Workability	Recommended	Recommended		Preferred	Preferred			
High-Flash Viscosity Reduction, 7-9% to change 3000 vis to 600 vis		Preferred						
Improve Low Temperature Performance, e.g. PG67-22 to PG58-28	Preferred							
Maintain High Temperature Performance, e.g. PG67-22 to PG64-28				Preferred	Preferred			
High RAP & RAS Binder Recovery, e.g. 98+% Recovery	Recommended							
Triple Foam Half-Life for Water-Foamed Warm-Mix	Preferred		Preferred					
Pavement Preservation e.g. Fog-Seals, Chip-Seals, Sealers			Preferred					
Cold Mix Application, e.g. Activate Old Binder Under Ambient Temps	Recommended		Preferred					
Cold Release Application, dilute to 5%-10% concentration in water			Preferred					
Low Range PG Grade Modifier, e.g. PG67-22 to PG-64-28	Preferred	Recommended						
High Range PG Grade Modifier, e.g. PG67-22 to PG70-22				Recommended	Recommended			
Reduced Polymer Requirement, e.g. up to 50% reduction	Recommended			Recommended	Recommended	Preferred	Preferred	Preferred
Warm Mix Benefits, e.g. Reduce Energy and Extend Laydown Time	Preferred			Preferred	Preferred			
Improved Mix Work-Ability, e.g. extend laydown time	Recommended			Preferred	Preferred			
Elastic Recovery, Toughness & Tenacity	Preferred							
Improve UV Resistance of mix retards aging of the binder	Preferred							
Low-(sulfur)-Fume Cross-linking Environmentally friendly						Preferred	Preferred	Preferred
Non-corrosive & Free Flowing Cross-linker, e.g. no caking in high humidity						Preferred	Preferred	Preferred