

Coating Additives

Sales Range



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Issue 06/2010

Type of additive	Product name	VOC	Scope of use		Binder systems	Application
			Solvent-based coatings	Water-based and solvent-free coatings (as indicated)		
Wetting and dispersing agents	Antigel®	+	particularly recommended	recommended	alkyds, alkyd/polyesters, NC-combinations, AC-systems unsaturated polyesters, reactive acrylics	wetting and dispersing agent, anti-settling agent, often improves flow and gloss, floating and flooding
	Antigel® KF-D	+	recommended	particularly recommended	almost all binders	wetting and dispersing agent, anti-settling agent, often improves flow and gloss, floating and flooding
	Schwego® Fluor 6238	+	particularly recommended	recommended	almost all binders	substrate wetting agent, auxiliary for pigment pastes
	Schwego® Fluor 8038	+	particularly recommended	recommended	almost all binders	very effective surface wetting agent, wetting of non-polar substrates, aid for production of pigment pastes
	Schwego® Fluor 8039	+	not recommended	particularly recommended	almost all binders	wetting of non polar substrates, wetting of edges
	Schwego® Wett 6237	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders, suitable for UV-systems	excellent for substrate wetting, wetting agent for coatings, varnishes and printing inks
	Schwego® Wett 6242	+	recommended	particularly recommended, also for solvent-free systems	almost all binders, suitable for UV-systems	wetting and dispersing agent, improves colour strength, gloss, suitable for all pigments and universal pastes prevents sedimentation, floating and flooding
	Schwego® Wett 6246	+	recommended	not recommended	almost all binders	wetting and dispersing agent, especially to improve sedimentation of pigment slurries,
	Schwego® Wett 6247	+	recommended	not recommended	almost all binders	wetting and dispersing agent, especially to improve sedimentation of pigment slurries,
	Schwego® Wett 6260	+	not recommended	particularly recommended, also for solvent-free systems	almost all binders, suitable for UV-systems	wetting and dispersing agent, improves colour strength, gloss, suitable for all pigments and universal pastes, prevents sedimentation, floating and flooding
	Schwego® Wett 6290	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders, suitable for UV-systems	wetting agent for paints, varnishes and printing inks, especially for difficult dispersed pigments, often improves flow and gloss, floating and flooding
	Schwego® Wett 6292	free	recommended	particularly recommended, also for solvent-free systems	almost all binders, suitable for UV-resins	wetting and dispersing agent, improves colour strength, gloss, suitable for all pigments and universal pastes, prevents sedimentation, floating and flooding
	Schwego® Wett 6293	+	not recommended	particularly recommended	almost all binders and binder free systems for pigment pastes and lacquer systems	wetting and dispersing agent, reduces grinding time, improves sedimentation, floating and flooding, increase of colour strength and stabilises colour shift over time
	Schwego® Wett 6297	+	not recommended	particularly recommended	almost all binders and binder free systems for pigment pastes and lacquer systems	wetting and dispersing agent, reduces grinding time, improves sedimentation, floating and flooding, increase of colour strength and stabilises colour shift over time
	Schwego® Wett 6298	+	not recommended	particularly recommended	almost all binders and binder free systems for pigment pastes and lacquer systems	wetting and dispersing agent, reduces grinding time, improves sedimentation, floating and flooding, increase of colour strength and stabilises colour shift over time
	Schwego® Wett 8075	+	particularly recommended	recommended	almost all binders	wetting and dispersing agent, anti-settling agent
	Schwego® Wett 8076	+	particularly recommended	not recommended	almost all binders	wetting and dispersing agent, anti-settling agent
	Schwego® Wett 8079	+	not recommended	particularly recommended	suitable for all water dilutable binders and for all pigments	wetting and dispersing agent, improves gloss, colour strength, decreases flocculation, prevents floating and flooding
	Schwego® Wett 8081	+	particularly recommended	not recommended	especially alkyds, epoxides	polymeric wetting and dispersing agent also for pigment pastes
	Schwego® Wett 8082	+	particularly recommended	not recommended	especially epoxides and PU-systems	polymeric wetting and dispersing agent
Schwego® Wett 8083	+	particularly recommended	not recommended	all binders	polymeric wetting and dispersing agent, especially for printing inks	
Schwego® Wett 8090	+	not recommended	particularly recommended	almost all water dilutable systems	especially for difficult dispersed pigments	
Schwego® Wett 8091	+	not recommended	particularly recommended	almost all water dilutable systems	especially for difficult dispersed pigments	

Type of additive	Product name	VOC	Scope of use		Binder systems	Application
			Solvent-based coatings	Water-based and solvent-free coatings (as indicated)		
Wetting and dispersing agents	Schwego® Wett 8092	+	recommended	particularly recommended	all pigments and universal pastes	wetting and dispersing agent, improves colour strength and gloss, prevents sedimentation, floating and flooding
	Schwego® Wett 8319	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders	wetting and dispersing agent, improves colour strength, gloss and flow, prevents sedimentation, floating and flooding
	Schwego® Wett 8320	free	not recommended	particularly recommended, also for solvent-free systems	alkyds and polyesters, PU-dispersions, binder free and solvent free pigment pastes	wetting and dispersing agent, improves colour strength and gloss, prevents sedimentation, floating and flooding
	Schwego® Wett 8321	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders, binder free and solvent free pigment pastes	wetting and dispersing agent, prevents flocculation and sedimentation, improves gloss and colour strength
	Wett Agent	+	particularly recommended	not recommended	almost all binders	wetting and dispersing agent for paints, varnishes and printing inks
Emulsifier	Schwego® Wett 8085	+	particularly recommended	particularly recommended	all kind of pigment pastes	emulsifier for universal pigment pastes, improves rub-out, flocculation and flooding effects
Levelling agents	Schwego® Flow 8057	+	not recommended	particularly recommended	almost all binders	improves flow and prevents orange peel
	Schwego® Flow 8058	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders	improves flow and prevents orange peel
	Schwego® Flow 8060	+	particularly recommended	not recommended	almost all binders	prevents craters, improves wetting of edges
Slip agents	Schwego® Mar 6560	+	not recommended	particularly recommended	especially for UV-systems	improves scratch and mar resistance, levelling
	Schwego® Mar 6561	+	not recommended	particularly recommended	especially for UV-systems	improves scratch and mar resistance, levelling
	Schwego® Mar 6562	+	not recommended	particularly recommended	especially for UV-systems	improves scratch resistance, highly compatible
	Schwego® Mar 6563	+	not recommended	particularly recommended	especially for UV-systems	improves scratch resistance, highly compatible, contains a substrate wetting agent based on fluorine compound
	Schwego® Mar 8300	+	particularly recommended	not recommended	almost all binders; conditionally compatible with OH-containing binders	improves scratch and mar resistance, levelling, defoaming properties
	Schwego® Mar 8301	+	not recommended	particularly recommended	almost all binders	improves scratch and mar resistance, levelling, defoaming properties
	Schwego® Mar 8304	+	particularly recommended	not recommended	almost all binders	improves scratch and mar resistance, levelling
	Schwego® Mar 8305	+	not recommended	particularly recommended	almost all binders	improves scratch and mar resistance, levelling
Defoaming and de-aerating agents	Blister Free 3	+	particularly recommended	recommended	air drying alkyds, alkyd / polyesters, unsaturated polyesters, polyurethanes, epoxy, reactive acrylics, AC-systems, NC-combinations	defoamer, highly compatible, usable in most systems, de-aerating and levelling agent
	Blister Free 45	+	particularly recommended	recommended	NC-combinations, AC-systems, polyurethanes	defoamer, high compatibility with most systems, especially for fast drying systems
	Blister Free 54	+	particularly recommended	not recommended	air drying alkyds, alkyd/polyesters, epoxy, polyurethanes; reactive acrylics	defoamer, improves levelling
	Blister Free 55	+	not recommended	particularly recommended	alkyds, polyesters, alkyd-acrylic hybrids	de-aerating and defoaming agent for all oxidative drying systems
	Blister Free 56	+	recommended	particularly recommended	alkyds, acrylates, saturated polyesters, epoxy	de-aerating and defoaming agent, improves levelling, suitable also for UV systems
	Blister Free 66	+	particularly recommended	not recommended	polyurethanes, reactive acrylics, polyesters	defoamer, especially for polyesters, polyurethanes and acrylics
	Blister Free 75	+	particularly recommended	recommended	NC-combinations, AC-systems, epoxy, polyurethanes, air drying acrylics	defoamer with levelling properties, suitable also for printing inks
	Blister Free 77	+	particularly recommended	not recommended	alkyd/polyesters, unsaturated polyesters	defoamer for wax-containing and wax-free polyester coatings

Type of additive	Product name	VOC	Scope of use		Binder systems	Application
			Solvent-based coatings	Water-based and solvent-free coatings (as indicated)		
Defoaming and de-aerating agents	Blister Free 88	+	particularly recommended	not recommended	unsaturated polyesters	defoamer especially for paraffin-free polyesters, improves levelling
	Mittel S	+	particularly recommended	not recommended	air drying alkyds, alkyd/polyesters, chlorinated rubbers, epoxy, polyurethanes, air drying and reactive acrylics	defoamer for non-aqueous systems, also suitable for water-based systems for floor coating on basis 2K-Epoxy
	Schwego® Foam 6303	+	particularly recommended	particularly recommended	alkyds, alkyd/polyesters, unsaturated polyesters, epoxy, polyurethanes, reactive acrylics, NC-combinations	defoamer, highly compatible, usable in most systems, de-aerating and levelling agent
	Schwego® Foam 6325	free	not recommended	particularly recommended, also for solvent-free systems	polymer emulsion plasters	defoamer for polymer emulsions and coatings on water basis
	Schwego® Foam 6351	+	particularly recommended	recommended	air drying alkyds, alkyd/polyesters, unsaturated polyesters, epoxys, polyurethanes, reactive acrylics	de-aerating agent, improves levelling, highly compatible, usable in most systems
	Schwego® Foam 6354	free	recommended	particularly recommended, also for solvent-free systems	alkyds, alkyd/polyesters, epoxys, polyurethanes, reactive acrylics	defoamer, improves levelling, highly compatible, usable in most systems
	Schwego® Foam 6356	+	not recommended	particularly recommended	alkyds, alkyd/polyesters, saturated polyesters, epoxys, polyurethanes, acrylics	de-aerating and defoaming agent, improves levelling, suitable also for UV systems
	Schwego® Foam 6360	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders, especially suitable for acrylics and UV systems	defoamer, for solvent-free and UV-systems
	Schwego® Foam 6361	free	not recommended	particularly recommended, also for solvent-free systems	almost all binders, especially suitable for acrylics and UV systems	defoamer, for solvent-free and UV-systems
	Schwego® Foam 6375	+	particularly recommended	particularly recommended	epoxy, polyurethanes, reactive acrylics, NC-combinations	defoamer, highly compatible, usable in most systems
	Schwego® Foam 6377	free	recommended	particularly recommended, also for solvent-free systems	alkyds, alkyd/polyesters, unsaturated polyesters, epoxy, polyurethanes, reactive acrylics, NC-combinations	defoamer, highly compatible, usable in most systems
	Schwego® Foam 6388	free	recommended	particularly recommended, also for solvent-free systems	alkyds, alkyd/polyesters, unsaturated polyesters, epoxy, polyurethanes, reactive acrylics, NC-combinations	defoamer, highly compatible, usable in most systems
	Schwego® Foam 8013	+	not recommended	particularly recommended	almost all binders	defoamer for all aqueous systems, plastic dispersions and adhesives
	Schwego® Foam 8325	free	not recommended	particularly recommended, also for solvent-free systems	polymer emulsion plasters	defoamer for polymer emulsions and coatings on water basis
	Schwego® Foam 8333	free	not recommended	particularly recommended, also for solvent-free systems	polyurethanes, polyesters	defoamer for water dilutable systems
	Schwego® Foam 8336	free	not recommended	particularly recommended, also for solvent-free systems	acrylic emulsions, UV-resins	defoamer for pigment free and low pigmented systems, adhesives
Rheological agents	La Thix FB	+	particularly recommended	not recommended	air drying alkyds, alkyd/polyesters, reactive acrylics, epoxy	thickener, viscosity adjustment
	Schwego® Pur 8020	free	not recommended	particularly recommended, also for solvent-free systems	acrylic-, styrene/acrylic-, polyurethane-emulsions	thickener with nearly Newtonian viscosity
	Schwego® Pur 8050	free	not recommended	particularly recommended	acrylic-, styrene/acrylic-, polyurethane-emulsions	thickener for interior and exterior building coatings, high gloss emulsion paints
	Schwego® Pur 8051	free	not recommended	particularly recommended	acrylic-, styrene/acrylic-, polyurethane-emulsions	thickener for interior and exterior building coatings, high gloss emulsion paints, organotin free

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			Solvent-based coatings	Water-based and solvent-free coatings (as indicated)		
Sedimentation / Precipitation	No Sed	+	particularly recommended	not recommended	acrylics, air drying alkyds, polyesters, chlorinated rubber	automotive-, industrial- chlorinated rubber coatings, road marking and zinc dust paints
Anticorrosive agent	Korrodur	+	particularly recommended	not recommended	air drying alkyds, epoxy, chlorinated rubbers	anticorrosive agent for rust inhibiting coatings, one-coat anticorrosive systems
	Korrodur AL 2	+	particularly recommended	not recommended	air drying alkyds, epoxy, chlorinated rubbers	anticorrosive agent for rust inhibiting coatings, one-coat anticorrosive systems, containing aluminium
	Schwego® Corrit	+	not recommended	particularly recommended	almost all binders	for anticorrosive primers, one-coat anticorrosive systems, maintenance finishes
Viscosity stabilisation / Antiskinning	Antigel®	+	particularly recommended	recommended	almost all binders	viscosity stabilisation, regeneration of thickened paints
	Antigel® KF	+	recommended	particularly recommended	almost all binders	viscosity stabilisation, regeneration of thickened paints
	Antigel® KF-D	+	recommended	particularly recommended	almost all binders	viscosity stabilisation, regeneration of thickened paints
	Schwego® Antimec	+	recommended	particularly recommended	almost all binders	viscosity stabilisation, regeneration of thickened paints

Coating Additives

Table of application for water-based systems



Field of application	Recommended Additive	Addition amount calc. on total formulation *calc. on pigment content	Chemical basis	Binders												
				Air drying alkyds	Alkyd polyester stoving systems	Acid curing systems	Polyesters	Epoxide systems	PU-systems	Thermoplastic acrylic resin systems	Reactive acrylic stoving systems	Emulsions, plasters	Silicate paints	UV systems		
Anti-skinning	Antigel®	0.5 - 1.5	modified phenol derivative with methyl ethyl ketoxime with additives in solvent mixture	●	●		○	○	○	●	●					
	Antigel® KF	0.1 - 0.3	antioxidant with additives in solvent mixture	●	●	●	●	●	●	●	●					
	Antigel® KF-D	0.1 - 1.5	antioxidant with additives in solvent mixture	●	●	●	●	●	●	●	●					
	Schwego® Antimec	0.1 - 0.5	antioxidant in solvent mixture	●	●	●	●	●	●	●	●					
Dispersion of pigments / Floating and flooding	Antigel®	1.0 - 18.0	modified phenol derivative with ethyl methyl ketoxime in solvent mixture	●	●		○	○	○	●	●					
	Antigel® KF-D	1.0 - 15.0	antioxidant with additives in solvent mixture	●	●	●	●	●	●	●	●					
	Schwego® Fluor 6238	0.01 - 0.2	ethanolic solution of an fluoro-tenside on polyether basis	○	○	○	○	○	○	○	○	○	○	○	○	○
	Schwego® Fluor 8038	0.01 - 0.2	ethanolic solution of an fluoro-tenside on polyether basis	○	○	○	○	○	○	○	○	○	○	○	○	○
	Schwego® Fluor 8039	0.01 - 0.2	aqueous solution of a fluorosurfactant based on polyether	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 6242	10.0 - 30.0*	surface active polymers in a solvent mixture	●	●	●	●	●	●	●	●	●	●	○	○	○
	Schwego® Wett 6260	2.0 - 65.0*	solution of surface active substances	○	○		○	○	○	○	○	○				●
	Schwego® Wett 6290	2.0 - 65.0*	polymer in solvents mixture	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 6292	10.0 - 30.0*	polymer in solvents mixture	●	●	●	●	●	●	●	●	●	●	○	○	○
	Schwego® Wett 6293	1.0 - 30.0*	aqueous polymer solution	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 6297	1.0 - 30.0*	polymers based on polyalkylen glycols	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 6298	1.0 - 30.0*	polymers based on polyalkylen glycols	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 8075	2.0 - 10.0	neutralised phosphoric ester in solvent mixture	●	●	●	●	○	○	●	●	●	●	○	○	○
	Schwego® Wett 8079	3.0 - 50.0	Neutralised phosphoric with additives in solvent mixture	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 8090	2.0 - 65.0*	butanolic solution of an dispersing agent for pigments	●	●	●	●	●	●	●	●	●	●	○	○	○
	Schwego® Wett 8091	2.0 - 65.0*	polymer in solvents mixture	●	●	●	●	●	●	●	●	●	●	○	○	○
	Schwego® Wett 8092	10.0 - 30.0*	surface active polymers in a solvent mixture	●	●	●	●	●	●	●	●	●	○	○	○	○
	Schwego® Wett 8319	0.2 - 1.0	polyethers based on castoroil	●	●	●	●	●	●	●	●	●	●	●	○	○
	Schwego® Wett 8320	1.0 - 30.0*	monofunctional oleo-alkyleneoxid-block copolymer	●	●	○	●	○	●	○	○	○	○	○	○	○
	Schwego® Wett 8321	2.0 - 65.0*	aqueous polymer solution	●	●	●	●	●	●	●	●	●	●	●	○	○
Pigment wetting / Flocculation / Sedimentation	Antigel®	1.0 - 18.0	modified phenol derivative with methyl ethyl ketoxime with additives in solvent mixture	●	●		○	○	○	●	●					
	Antigel® KF-D	1.0 - 15.0	antioxidant with additives in solvent mixture	●	●	●	●	●	●	●	●					
	Schwego® Wett 6242	10.0 - 30.0*	surface active polymers in a solvent mixture	●	●	●	●	●	●	●	●	●	●	○	○	○

● especially recommended
○ recommended

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Table of application for water-based systems



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Field of application	Recommended Additive	Addition amount calc. on total formulation *calc. on pigment content	Chemical basis	Binders											
				Air drying alkyds	Alkyd polyester stoving systems	Acid curing systems	Polyesters	Epoxide systems	PU-systems	Thermoplastic acrylic resin systems	Reactive acrylic stoving systems	Emulsions, plasters	Silicate paints	UV systems	
Pigment wetting / Flocculation / Sedimentation	Schwego® Wett 6260	2.0 - 65.0*	solution of surface active substances	○	○		○	○	○	○	○				●
	Schwego® Wett 6290	2.0 - 65.0*	polymer in solvents mixture	●	●	●	●	●	●	●	●	●			
	Schwego® Wett 6292	10.0 - 30.0*	polymer in solvents mixture	●	●	●	●	●	●	●	●	●			○
	Schwego® Wett 6293	1.0 - 30.0*	aqueous polymer solution	●	●	●	●	●	●	●	●	●	●	●	
	Schwego® Wett 6297	1.0 - 30.0*	polymers based on polyalkylen glycols	●	●	●	●	●	●	●	●	●	●	●	
	Schwego® Wett 6298	1.0 - 30.0*	polymers based on polyalkylen glycols	●	●	●	●	●	●	●	●	●	●	●	
	Schwego® Wett 8075	2.0 - 10.0*	neutralized phosphoric ester in solvent mixture	●	●	●	●	○	○	●	●				
	Schwego® Wett 8079	3.0 - 50.0*	phosphoric-esterderivative. aliphatic copolymere	●	●	●	●	●	●	●	●	●	●	●	○
	Schwego® Wett 8090	2.0 - 65.0*	butanolic solution of an dispersing agent for pigments	●	●	●	●	●	●	●	●	●	●	●	
	Schwego® Wett 8091	2.0 - 65.0*	polymer in solvents mixture	●	●	●	●	●	●	●	●	●	●	●	
	Schwego® Wett 8092	10.0 - 30.0*	surface active polymers in a solvent mixture	●	●	●	●	●	●	●	●	●	●	●	○
	Schwego® Wett 8319	0.2 - 1.0	polyethers based on castoroil	●	●	●	●	●	●	●	●	●	●	●	○
	Schwego® Wett 8320	1.0 - 30.0*	monofunctional oleo-alkyleneoxid-block copolymer	●	●	○	●	○	●	○	○	○	○	○	
	Schwego® Wett 8321	2.0 - 65.0*	aqueous polymer solution	●	●	●	●	●	●	●	●	●	●	●	
Emulsifier	Schwego® Wett 8085	0.2 - 0.4	solution of surface active substances	●			○	○	●				●	●	
Flow / gloss	Antigel®	1.0 - 6.0	modified phenol derivative with ethyl methyl ketoxime in solvent mixture	●	●		○	○	○	●	●				
	Antigel® KF-D	1.0 - 5.0	antioxidant with additives in solvent mixture	●	●	●	●	●	●	●	●				
	Schwego® Flow 8057	0.1 - 0.5	silicone polymers with organic solvents	●	●	●	●	●	●	●	●	●	●		
	Schwego® Flow 8058	0.1 - 0.5	aqueous solution of silicone polymers	●	●	●	●	●	●	●	●	●	●		
Viscosity stabilisation	Antigel®	1.0 - 6.0	modified phenol derivative with methyl ethyl ketoxime with additives in solvent mixture	●	●		○	○	○	●	●				
	Antigel® KF-D	1.0 - 5.0	antioxidant with additives in solvent mixture	●	●	●	●	●	●	●	●	●			
Substrate wetting	Schwego® Fluor 6238	0.01 - 0.2	polymer in solvents mixture	○	○	○	○	○	○	○	○	○	○	○	
	Schwego® Fluor 8038	0.01 - 0.2	ethanolic solution of an fluoro-tenside on polyether basis	○	○	○	○	○	○	○	○	○	○		
	Schwego® Fluor 8039	0.01 - 0.2	aqueous solution of a fluorosurfactant based on polyether	●	●	●	●	●	●	●	●	●	●	○	
	Schwego® Wett 6237	0.1 - 0.5	silicone polymers with organic solvents	●	●	●	●	●	●	●	●	●	●	○	
Defoaming / de-aerating	Blister Free 3	0.2 - 1.0	polymer in solvents mixture	●	●	○	●	●	●	○	●				
	Blister Free 45	0.1 - 1.0	polymer in solvents mixture	●	●		●	○		●	●				
	Blister Free 55	0.05 - 0.5	surface active polymers in a solvent mixture	●	●	○	○	○	○	●	●				

- especially recommended
- recommended

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Field of application	Recommended Additive	Addition amount calc. on total formulation *calc. on pigment content	Chemical basis	Binders											
				Air drying alkyds	Alkyd polyester stoving systems	Acid curing systems	Polyesters	Epoxide systems	PU-systems	Thermoplastic acrylic resin systems	Reactive acrylic stoving systems	Emulsions, plasters	Silicate paints	UV systems	
Defoaming / de-aerating	Blister Free 56	0.3 - 1.5	polymer in solvents mixture	•	•		•	•	○		•				○
	Blister Free 75	0.05 - 0.5	polymer in solvents mixture	•				•		•					
	Mittel S	0.1 - 0.5	surface active polymers in a solvent mixture					○							
	Schwego® Foam 6303	0.2 - 1.0	phosphoric ester in solvent mixture	•	•	○	•	•	•	○	•				○
	Schwego® Foam 6325	0.1 - 0.3	formulation with vegetable oils and hydrocarbons									•	•		
	Schwego® Foam 6351	0.5 - 1.5	polymer in solvents mixture	•	•	○		•	•	○	•				○
	Schwego® Foam 6354	0.5 - 2.0	polymers in mineral oil	•	•		○		•	○	○				
	Schwego® Foam 6356	0.3 - 1.5	polymer in solvents mixture	•	•		•	•	○		•				
	Schwego® Foam 6360	0.1 - 1.0	polymer in solvents mixture	○	○		○	○	○	○	○	○	○	○	•
	Schwego® Foam 6361	0.1 - 1.0	polymer in solvents mixture	○	○		○	○	○	○	○	○	○	○	•
	Schwego® Foam 6375	0.05 - 0.5	polymer in solvents mixture	•	•		○	•	○	•	•				
	Schwego® Foam 6377	0.1 - 0.5	surface active polymers in a solvent mixture	•	•		•	○	○	○	○				
	Schwego® Foam 6388	0.1 - 0.5	surface active polymers in a solvent mixture		•		•	○	○	○	○				
	Schwego® Foam 8013	0.1 - 0.3	combination of hydrocarbons with emulsifying agents	•	•	○	○	○	•	○	○	○	○	○	○
	Schwego® Foam 8325	0.1 - 0.3	combination of hydrocarbons										•	•	
	Schwego® Foam 8333	0.3 - 1.0	block copolymer	○	•	○	•	○	•	○	○	○	○	○	
Schwego® Foam 8336	0.1 - 0.5	formulation of a polysiloxanadduct and surface active alcohols	○	○	○	○	○	○	•	○	○	○	○	○	
Micro foam	Blister Free 3	0.2 - 1.0	polymer in solvents mixture	•	•	○	•	•	•	○	•				
	Schwego® Foam 6351	0.5 - 1.5	polymer in solvents mixture	•	•	○		•	•	○	•			•	
Cratering	see de-aerating														
Pin holes	see de-aerating														
Slip	Schwego® Mar 6560	0.05 - 0.3	modified acrylate	○	○		○	○	○	○	○			•	
	Schwego® Mar 6561	0.05 - 0.3	modified acrylate	○	○		○	○	○	○	○			•	
	Schwego® Mar 6562	0.05 - 0.3	modified acrylate	○	○		○	○	○	○	○			•	
	Schwego® Mar 6563	0.05 - 0.3	modified acrylate with fluoro component	○	○		○	○	○	○	○			•	
	Schwego® Mar 8301	0.02 - 0.2	silicone polymers with organic solvents	•	•	•	•	•	•	•	•			○	
	Schwego® Mar 8305	0.01 - 0.5	silicone polymers with organic solvents	•	•	•	•	○	•	•	•				
Anti-blocking	see slip														
Scratch resistance	see slip														
Wetting of edges	Schwego® Fluor 6238	0.01 - 0.2	polymer in solvents mixture	○	○	○	○	○	○	○	○	○	○	○	
	Schwego® Fluor 8038	0.01 - 0.2	ethanolic solution of an fluoro-tenside on polyether basis	○	○	○	○	○	○	○	○	○	○	○	

• especially recommended
○ recommended

Coating Additives

Table of application for water-based systems



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Field of application	Recommended Additive	Addition amount calc. on total formulation *calc. on pigment content	Chemical basis	Binders												
				Air drying alkyds	Alkyd polyester stoving systems	Acid curing systems	Polyesters	Epoxyde systems	PU-systems	Thermoplastic acrylic resin systems	Reactive acrylic stoving systems	Emulsions, plasters	Silicate paints	UV systems		
Wetting of edges	Schwego® Fluor 8039	0.01 - 0.2	aqueous solution of a fluorosurfactant based on polyether	•	•	•	•	•	•	•	•	•	•	•	•	○
Corrosion protection	Schwego® Corrit	3.0 - 5.0	glycolic solution of salts	•	•	•	•	•	•	•	•	•	•	•	•	•
Viscosity increase	Schwego® Pur 8020	0.3 - 2.0	polyurethane dispersion	•	•					•	•	•	•			
	Schwego® Pur 8050	0.3 - 1.0	polyurethane dispersion	•	•					•	•	•	•			
	Schwego® Pur 8051	0.3 - 1.0	polyurethane dispersion	•	•					•	•	•	•			

- especially recommended
- recommended

Coating Additives

Table of applications suitable for solvent-based systems



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Issue 06/2010

Field of application	Recommended Additive	Addition amount calc. on total formulation *calc. on pigment content	Chemical basis	Binders													
				Air drying alkyds	Alkyd polyester stoving systems	NC-systems	Acid curing systems	Polyesters	Chlorinated rubber	VC-copolymers	Epoxide systems	PU-systems	Thermoplastic acrylates	Reactive acrylic stoving systems	UV systems		
Pigment wetting / Flocculation / Sedimentation	Schwego® Wett 8076	2.0 - 10.0*	neutralized phosphoric ester, dissolved in mineral oil distillates	•	•	•	•	•	•	○	○	○	○	•	•		
	Schwego® Wett 8081	2.0 - 65.0*	polymer in hydrocarbons	•	○	○	○		○	○	•					○	
	Schwego® Wett 8082	2.0 - 65.0*	polymer in hydrocarbons	•	○	○	○		○	○	•	•				○	
	Schwego® Wett 8083	2.0 - 65.0*	polymer in hydrocarbons	•	○		○				•	•					
	Schwego® Wett 8092	10.0 - 30.0*	surface active polymers in a solvent mixture	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Wett Agent	0.2 - 5.0	modified phenol derivative with ethyl methyl ketoxime in solvent mixture	•	○	•	•	○	○	○	○	○	○	•	•		
Emulsifier	Schwego® Wett 8085	0.2 - 0.4	solution of surface active substances	•				○				○	•				
Flow / gloss	Antigel®	1.0 - 6.0	modified phenol derivative with methyl ethyl ketoxime with additives in solvent mixture	•	•	•	•	•	○	○	○	○	○	○	•		
	Antigel® KF-D	1.0 - 5.0	antioxidant with additives in solvent mixture	•	•	•	•	•	•	•	•	•					
	Schwego® Flow 8060	0.1 - 0.5	etherified melamine-formaldehyde resin in a mixture of solvents	•	•	○	○	○	○	○	○	○	○	○	○	○	
Viscosity stabilisation	Antigel®	1.0 - 6.0	modified phenol derivative with methyl ethyl ketoxime with additives in solvent mixture	•	•	•	•	•	○	○	○	○	○	○	•		
	Antigel® KF-D	1.0 - 5.0	antioxidant with additives in solvent mixture	○	○	○	○	○	○	○	○	○	○	○			
Substrate wetting	Schwego® Fluor 6238	0.01 - 0.2	polymer in solvents mixture	•	•	•	•	•	•	•	•	•	•	•	•	○	
	Schwego® Fluor 8038	0.01 - 0.2	ethanolic solution of an fluoro-tenside on polyether basis	•	•	•	•	•	•	•	•	•	•	•	•	○	
Defoaming / de-aerating	Blister Free 3	0.2 - 1.0	polymer in solvents mixture	•	•	○	○	•	○	○	○	•	○	•	○	○	
	Blister Free 45	0.1 - 1.0	polymer in solvents mixture	○	○	•	•		○	○	○	•	○	○	○	○	
	Blister Free 54	0.5 - 1.5	surface active polymers in a solvent mixture	•	•	○	○		○		•	•	○	•			
	Blister Free 66	0.1 - 1.0	surface active polymers in a solvent mixture		○			•		○	○	•	○	•	○		
	Blister Free 75	0.05 - 0.5	polymer in solvents mixture	○	○	•	•	○		○	•	•	•	○			
	Blister Free 77	0.1 - 0.5	surface active polymers in a solvent mixture		•			•	○	○	○	○	○	○			
	Blister Free 88	0.1 - 0.5	surface active polymers in a solvent mixture					•	○	○	○	○	○	○			
	Mittel S	0.1 - 0.5	surface active polymers in a solvent mixture	•	•	○	○	○	•	○	•	•	•	•	•	○	
	Schwego® Foam 6303	0.2 - 1.0	phosphoric ester in solvent mixture	•	•	○	○	•	○	○	○	•	○	•			
	Schwego® Foam 6351	0.5 - 1.5	polymer in solvents mixture	•	•	○	○	•			•	•	○	•	○		
	Schwego® Foam 6354	0.5 - 2.0	polymers in mineral oil	•	•	○	○		○		•	•	○	•			
	Schwego® Foam 6375	0.05 - 0.5	polymer in solvents mixture	○	○	•	•	•		○	•	•	•	○			
	Schwego® Foam 6377	0.1 - 0.5	surface active polymers in a solvent mixture		•			•	○	○	○	○	○	○			
	Schwego® Foam 6388	0.1 - 0.5	surface active polymers in a solvent mixture					•	○	○	○	○	○	○			

• especially recommended
○ recommended

Coating Additives

Table of applications suitable for solvent-based systems



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Field of application	Recommended Additive	Addition amount calc. on total formulation *calc. on pigment content	Chemical basis	Binders												
				Air drying alkyds	Alkyd polyester stoving systems	NC-systems	Acid curing systems	Polyesters	Chlorinated rubber	VC-copolymers	Epoxide systems	PU-systems	Thermoplastic acrylates	Reactive acrylic stoving systems	UV systems	
Micro foam	Blister Free 3	0.2 - 1.0	polymer in solvents mixture	•	•	○	○	•	○	○	○	•	○	•	○	
	Schwego® Foam 6351	0.5 - 1.5	polymer in solvents mixture	•	•	○	○	•				•	•	○	•	○
Pinholes	see de-aerating															
Cratering	see de-aerating															
Foam occurring during application	see de-aerating															
Foam occurring during production	Mittel S	0.1 - 0.5	surface active polymers in a solvent mixture	•	•	○	○	○	•	○	•	•	•	•	•	○
Slip	Schwego® Mar 8300	0.02 - 0.2	silicone polymers with organic solvents	○	•	•	○	•	○	○	•	•	•	•	•	○
	Schwego® Mar 8304	0.05 - 0.5	silicone polymers with organic solvents	•	•	•	•	•	○	○	•	•	•	•	•	
Anti-blocking	see slip															
Scratch resistance	see slip															
Wetting of edges	Schwego® Flow 8060	0.1 - 0.5	etherified melamine-formaldehyde resin in a mixture of solvents	•	•	○	○	○	○	○	○	○	○	○	○	
Orange peeling effect	see wetting of edges															
Corrosion protection	Korrodur	2.0 - 5.0	organic/ inorganic tannin derivates in solvent mixture	•	○				○		○			○		
	Korrodur AL 2	2.0 - 5.0	organic/ inorganic tannin derivates in solvent mixture	•	○				○		○			○		
Sagging / viscosity increase	La Thix FB	0.1 - 1.0	organically modified aluminium derivative	•	•	○		○			○	○	○	○	•	
Sedimentation / precipitation	No Sed	0.5 - 3.0	organically modified bentonite with additives in solvent mixture	•	•			•	•					•	•	

- especially recommended
- recommended

Coating Additives

Application overview Antigel®



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Coating / paint	Application	Viscosity stabilisation	Antiskinning	Prevention of sedimentation	Improvement of through drying	Floating and flooding prevention	Promotion of flow
Metal primer	paint	•	•	•	•		
	airless-spray	•	•	•	•		
Wood primer	paint	•	•	•	•		
	dip	•	•	•	•		
	spray	•	•	•	•		
Top coats for metals, air drying	paint	•	•	•	•	•	•
	dip	•	•	•	•	•	•
	spray	•	•	•	•	•	•
Corrosion protection lacquer	paint	•	•	•	•	•	•
	roll	•	•	•	•	•	•
	spray	•	•	•	•	•	•
Wood lacquer	paint	•	•	•	•	•	•
	dip	•	•	•	•	•	•
	roll	•	•	•	•	•	•
	spray	•	•	•	•	•	•
Clear lacquer, air drying	paint	•	•		•		•
Top coat, stove drying	dip	•		•		•	•
	spray	•		•		•	•
Top coat, water thinnable, stove drying	dip	•		•		•	•
	spray	•		•		•	•
Primer, water thinnable, stove drying	dip	•		•			
	spray	•		•			
Corrosion protection water thinnable, stove drying	dip	•		•		•	
	spray	•		•		•	
Addition amount %	calculated on the whole system	1 - 3	1.5 - 3	0.5 - 1.5	1 - 2	0.5 - 1.5	1 - 2
	calculated on pigment / filler content	2 - 4	2 - 4	1 - 5	2 - 4	2 - 4	2 - 4

- especially recommended
- recommended