



Additive Selection Chart AS-AG 1

Adhesives and Sealants



Adhesives and Sealants

	Reactive Systems					Aqueous Systems			Hotmelts
	Polyurethane	Epoxy, One-pack	Epoxy, Two-pack	Acrylate	Silane Terminated Polymers	Acrylate	VAE	Polyurethane	
Defoaming	Silicone: BYK-067 A BYK-1796* BYK-088 Silicone-free: BYK-1794* BYK-1795* BYK-A 535*	Silicone: BYK-1796* BYK-A 525 BYK-A 530 Silicone-free: BYK-A 501 BYK-A 535 BYK-1790 BYK-A 550	Silicone: BYK-1796* BYK-A 525 BYK-A 530 Silicone-free: BYK-A 501 BYK-A 535 BYK-1790 BYK-A 550	Silicone: BYK-A 535 BYK-067 A Silicone-free: BYK-1795 BYK-A 515	Silicone: BYK-1796* BYK-1799 BYK-A 535	Silicone: BYK-093 BYK-094 BYK-017 BYK-022 BYK-044 BYK-1611 BYK-1650 BYK-1719 Silicone-free: BYK-1640 BYK-1740 BYK-012 BYK-014 BYK-016 Mineral Oil: BYK-037 BYK-1630 BYK-039	Silicone: BYK-022 BYK-093 BYK-1650 BYK-1724 BYK-1786 Silicone-free: BYK-014 BYK-1640	Silicone: BYK-022 BYK-094 BYK-093 BYK-1786 Silicone-free: BYK-014 BYK-1640	Silicone: BYK-070 Silicone-free: BYK-1691 SD* BYK-1794* BYK-A 505
Substrate Wetting	Silicone: BYK-333* BYK-378* BYK-307*	Silicone: BYK-333* BYK-378* BYK-307* BYK-310	Silicone: BYK-333* BYK-378* BYK-307* BYK-310	Silicone: BYK-333* BYK-378* BYK-307*	Silicone: BYK-333* BYK-378* BYK-307*	Silicone: BYK-3400 BYK-3450 BYK-3451 BYK-3455 BYK-348 BYK-349 Silicone-free: BYK-3410 BYK-DYNWET 800	Silicone: BYK-3400 BYK-3450 BYK-3451 BYK-3455 BYK-348 BYK-349 Silicone-free: BYK-3410 BYK-DYNWET 800	Silicone: BYK-3400 BYK-348 BYK-349 Silicone-free: BYK-3410	
Rheology Additives for Anti-settling	RHEOBYK-7410 ET CLAYTONE-40 GARAMITE-1958	RHEOBYK-7410 ET CLAYTONE-40 GARAMITE-1958 GARAMITE-7305 RHEOBYK-410 RHEOBYK-430	RHEOBYK-7410 ET CLAYTONE-40 GARAMITE-1958 GARAMITE-7305 RHEOBYK-410 RHEOBYK-430	CLAYTONE-40 GARAMITE-1958 GARAMITE-7305 RHEOBYK-7410 ET Combination with fumed silica: RHEOBYK-7405 RHEOBYK-R 605 RHEOBYK-R 606*	Mixed mineral clay: GARAMITE-7303 Castor derivative: RHEOBYK-100 Combination with fumed silica: RHEOBYK-R 606* RHEOBYK-R 607	Polyurethane low shear thickener: RHEOBYK-H 3300 VF RHEOBYK-7600 RHEOBYK-H 7500 VF Acrylate thickener: RHEOBYK-HV 80 Urea thickener: RHEOBYK-7420 ES Clay: OPTIGEL-WX LAPONITE-SL 25	Hydroclay: OPTIGEL-WX OPTIGEL-WA Polyurethane low shear thickener: RHEOBYK-H 3300 VF Acrylate thickener: RHEOBYK-HV 80	Hydroclay: OPTIGEL-WX OPTIGEL-WA Polyurethane low shear thickener: RHEOBYK-H 3300 VF Acrylate thickener: RHEOBYK-HV 80 Urea thickener: RHEOBYK-7420 ES	
Rheology Additives for Sag Resistance	GARAMITE-1985 GARAMITE-7303 CLAYTONE-40 RHEOBYK-100 RHEOBYK-430 RHEOBYK-7590 Castor derivative: RHEOBYK-100 RHEOBYK-7590	GARAMITE-7305 CLAYTONE-40 GARAMITE-1958 RHEOBYK-100 RHEOBYK-7590 Castor derivative: RHEOBYK-100 RHEOBYK-7590	GARAMITE-7305 CLAYTONE-40 GARAMITE-1958 RHEOBYK-100 RHEOBYK-7590 Castor derivative: RHEOBYK-100 RHEOBYK-7590	GARAMITE-7305 RHEOBYK-430 CLAYTONE-40 RHEOBYK-431	Amide waxes: RHEOBYK-7502 RHEOBYK-7503 Mixed mineral clay: GARAMITE-7303 Castor derivative: RHEOBYK-100 RHEOBYK-7590 Combination with fumed silica: RHEOBYK-R 606* RHEOBYK-R 607	Polyurethane low shear thickener: RHEOBYK-7600 RHEOBYK-7610 RHEOBYK-H 7500 VF RHEOBYK-H 3300 VF Acrylate thickener: RHEOBYK-HV 80 Urea thickener: RHEOBYK-425 Hydroclay: OPTIGEL-WA LAPONITE-SL 25 GARAMITE-1958	Polyurethane low shear thickener: RHEOBYK-7600 RHEOBYK-H 7500 VF RHEOBYK-H 3300 VF Acrylate thickener: RHEOBYK-HV 80 Mixed mineral clay: OPTIGEL-WA OPTIGEL-WX	Polyurethane low shear thickener: RHEOBYK-7600 RHEOBYK-H 7500 VF RHEOBYK-H 3300 VF Acrylate thickener: RHEOBYK-HV 80 Mixed mineral clay: OPTIGEL-WA OPTIGEL-WX Urea thickener: RHEOBYK-425 RHEOBYK-7420 ES	
Viscosity Control Technology			Breaker: BYK-P 2710 Booster: BYK-P 2720						
Rheology Additives for Anti-splattering (Application Control)						Polyurethane High Shear Thickener: RHEOBYK-T 1000 VF RHEOBYK-T 1010 VF RHEOBYK-L 1400 VF In combination with low shear thickener: RHEOBYK-H 3300 VF	Polyurethane High Shear Thickener: RHEOBYK-T 1000 VF RHEOBYK-T 1010 VF RHEOBYK-L 1400 VF In combination with low shear thickener: RHEOBYK-H 3300 VF	Polyurethane High Shear Thickener: RHEOBYK-T 1000 VF RHEOBYK-T 1010 VF RHEOBYK-L 1400 VF In combination with low shear thickener: RHEOBYK-H 3300 VF	
Wetting and Dispersing Additives for Viscosity Reduction	BYK-W 969 BYK-W 985 BYK-W 9010* BYK-9076* DISPERBYK-118 DISPERBYK-2152*	BYK-W 996 BYK-W 9010* BYK-W 9011* DISPERBYK-2152*	BYK-W 969 BYK-W 996 BYK-W 9010* BYK-W 9011* DISPERBYK-118 DISPERBYK-2152*	BYK-W 969	DISPERBYK-2157* DISPERPLAST-1142* DISPERPLAST-1148 BYK-9076* DISPERBYK-2152* DISPERBYK-2155* DISPERPLAST-I	Inorganic fillers and pigments: BYK-154 DISPERBYK-190 DISPERBYK-199 DISPERBYK-2080 DISPERBYK-2015 Organic pigments/ carbon black: DISPERBYK-191* DISPERBYK-2015	Inorganic fillers and pigments: BYK-154 DISPERBYK-190 DISPERBYK-199 DISPERBYK-2080 DISPERBYK-2015 Organic pigments/ carbon black: DISPERBYK-191* DISPERBYK-2015	Inorganic fillers and pigments: BYK-154 DISPERBYK-190 DISPERBYK-199 DISPERBYK-2080 DISPERBYK-2015 Organic pigments/ carbon black: DISPERBYK-191* DISPERBYK-2015	
Wetting and Dispersing Additives for Viscosity Reduction and Anti-settling	BYK-P 105* BYK-W 980 BYK-W 966 BYK-W 961	BYK-W 940 BYK-W 966	BYK-W 940 BYK-W 980 BYK-W 966	BYK-P 105* BYK-W 980 BYK-W 966 BYK-W 940		Inorganic fillers and pigments: ANTI-TERRA-250	Inorganic fillers and pigments: ANTI-TERRA-250	Inorganic fillers and pigments: ANTI-TERRA-250	
Extending Opentime						BYKETOL-PC	BYKETOL-PC	BYKETOL-PC	
Compatibilizer	BYK-P 9908 BYK-P 9909								
Moisture Scavenger	BYK-2616				BYK-2616				BYK-2616
Anti-Blocking									AQUACER 531 HORDAMER PE 02
Adhesion Promotion	BYK-4511 BYK-4509 BYK-4510		BYK-4511 BYK-4510 BYK-4512	BYK-C 8000 BYK-C 8002		AQUACER 1031 AQUACER 1040 HORDAMER PE 02 AQUACER 527 AQUACER 1063	AQUACER 1031 AQUACER 1040 HORDAMER PE 02 AQUACER 527 AQUACER 1063		For further information please contact adhesives.byk@altana.com.

First recommendation Second recommendation
* High-solid additives

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Additive Guide



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