



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	
<b>Defoaming</b>	Silicone: <b>BYK-067 A</b> <b>BYK-1796*</b> BYK-088  Silicone-free: <b>BYK-1794*</b> <b>BYK-1795*</b> <b>BYK-A 535*</b>	Silicone: <b>BYK-1796*</b> BYK-A 525 BYK-A 530  Silicone-free: <b>BYK-A 501</b> <b>BYK-A 535</b> BYK-1790 BYK-A 550	Silicone: <b>BYK-1796*</b> BYK-A 525 BYK-A 530  Silicone-free: <b>BYK-A 501</b> <b>BYK-A 535</b> BYK-1790 BYK-A 550	Silicone: <b>BYK-A 535</b> BYK-067 A  Silicone-free: <b>BYK-1795</b> BYK-A 515	Silicone: <b>BYK-1796*</b> BYK-1799 BYK-A 535	Silicone: <b>BYK-093</b> <b>BYK-094</b> BYK-017 BYK-022 BYK-044 BYK-1611 BYK-1650 BYK-1719  Silicone-free: <b>BYK-1640</b> <b>BYK-1740</b> BYK-012 BYK-014 BYK-016  Mineral Oil: <b>BYK-037</b> <b>BYK-1630</b> BYK-039	Silicone: <b>BYK-022</b> <b>BYK-093</b> BYK-1650 BYK-1724 BYK-1786  Silicone-free: <b>BYK-014</b> <b>BYK-1640</b>	Silicone: <b>BYK-022</b> <b>BYK-094</b> BYK-093 BYK-1786  Silicone-free: <b>BYK-014</b> BYK-1640	Silicone: BYK-070  Silicone-free: <b>BYK-1691 SD*</b> <b>BYK-1794*</b> BYK-A 505
<b>Substrate Wetting</b>	Silicone: <b>BYK-333*</b> <b>BYK-378*</b> BYK-307*	Silicone: <b>BYK-333*</b> <b>BYK-378*</b> BYK-307* BYK-310	Silicone: <b>BYK-333*</b> <b>BYK-378*</b> BYK-307* BYK-310	Silicone: <b>BYK-333*</b> <b>BYK-378*</b> BYK-307*	Silicone: <b>BYK-333*</b> <b>BYK-378*</b> BYK-307*	Silicone: <b>BYK-3400</b> <b>BYK-3450</b> <b>BYK-3451</b> <b>BYK-3455</b> BYK-348 BYK-349  Silicone-free: <b>BYK-3410</b> BYK-DYNWET 800 N	Silicone: <b>BYK-3400</b> <b>BYK-3450</b> <b>BYK-3451</b> <b>BYK-3455</b> BYK-348 BYK-349  Silicone-free: <b>BYK-3410</b> BYK-DYNWET 800 N	Silicone: <b>BYK-3400</b> BYK-348 BYK-349  Silicone-free: <b>BYK-3410</b>	
<b>Rheology Additives for Anti-settling</b>	<b>RHEOBYK-7410 ET</b> CLAYTONE-40 GARAMITE-1958	<b>RHEOBYK-7410 ET</b> CLAYTONE-40 GARAMITE-1958 GARAMITE-7305 RHEOBYK-410 RHEOBYK-430	<b>RHEOBYK-7410 ET</b> CLAYTONE-40 GARAMITE-1958 GARAMITE-7305 RHEOBYK-410 RHEOBYK-430	<b>CLAYTONE-40</b> <b>GARAMITE-1958</b> <b>GARAMITE-7305</b> <b>RHEOBYK-7410 ET</b>  Combination with fumed silica: <b>RHEOBYK-7405</b> <b>RHEOBYK-R 605</b> <b>RHEOBYK-R 606*</b>	Mixed mineral clay: GARAMITE-7303  Castor derivative: RHEOBYK-100  Combination with fumed silica: <b>RHEOBYK-R 606*</b> RHEOBYK-R 607	Polyurethane low shear thickener: <b>RHEOBYK-H 3300 VF</b> RHEOBYK-7600 RHEOBYK-H 7500 VF  Acrylate thickener: <b>RHEOBYK-HV 80</b>  Urea thickener: RHEOBYK-7420 ES  Clay: <b>OPTIGEL-WX</b> LAPONITE-SL 25	Hydroclay: <b>OPTIGEL-WX</b> OPTIGEL-WA  Polyurethane low shear thickener: <b>RHEOBYK-H 3300 VF</b>  Acrylate thickener: <b>RHEOBYK-HV 80</b>	Hydroclay: <b>OPTIGEL-WX</b> OPTIGEL-WA  Polyurethane low shear thickener: <b>RHEOBYK-H 3300 VF</b>  Acrylate thickener: <b>RHEOBYK-HV 80</b>  Urea thickener: RHEOBYK-7420 ES	
<b>Rheology Additives for Sag Resistance</b>	<b>GARAMITE-1985</b> <b>GARAMITE-7303</b> CLAYTONE-40 RHEOBYK-100 RHEOBYK-430 RHEOBYK-7590  Castor derivative: RHEOBYK-100 RHEOBYK-7590	<b>GARAMITE-7305</b> CLAYTONE-40 GARAMITE-1958 RHEOBYK-100 RHEOBYK-7590  Castor derivative: RHEOBYK-100 RHEOBYK-7590	<b>GARAMITE-7305</b> CLAYTONE-40 GARAMITE-1958 RHEOBYK-100 RHEOBYK-7590  Castor derivative: RHEOBYK-100 RHEOBYK-7590	<b>GARAMITE-7305</b> <b>RHEOBYK-430</b> CLAYTONE-40 RHEOBYK-431	Mixed mineral clay: GARAMITE-7303  Castor derivative: RHEOBYK-100 RHEOBYK-7590  Combination with fumed silica: <b>RHEOBYK-R 606*</b> RHEOBYK-R 607	Polyurethane low shear thickener: <b>RHEOBYK-7600</b> <b>RHEOBYK-7610</b> <b>RHEOBYK-H 7500 VF</b> RHEOBYK-H 3300 VF  Acrylate thickener: <b>RHEOBYK-HV 80</b>  Urea thickener: RHEOBYK-425  Hydroclay: <b>OPTIGEL-WA</b> LAPONITE-SL 25 GARAMITE-1958	Polyurethane low shear thickener: <b>RHEOBYK-7600</b> <b>RHEOBYK-H 7500 VF</b> RHEOBYK-H 3300 VF  Acrylate thickener: <b>RHEOBYK-HV 80</b>  Mixed mineral clay: <b>OPTIGEL-WA</b> OPTIGEL-WX	Polyurethane low shear thickener: <b>RHEOBYK-7600</b> <b>RHEOBYK-H 7500 VF</b> RHEOBYK-H 3300 VF  Acrylate thickener: <b>RHEOBYK-HV 80</b>  Mixed mineral clay: <b>OPTIGEL-WA</b> OPTIGEL-WX  Urea thickener: RHEOBYK-425 RHEOBYK-7420 ES	
<b>Viscosity Control Technology</b>			Breaker: <b>BYK-P 2710</b>  Booster: <b>BYK-P 2720</b>						
<b>Rheology Additives for Anti-spattering (Application Control)</b>						Polyurethane High Shear Thickener: <b>RHEOBYK-T 1000 VF</b> <b>RHEOBYK-T 1010 VF</b> RHEOBYK-L 1400 VF  In combination with low shear thickener: <b>RHEOBYK-H 3300 VF</b>	Polyurethane High Shear Thickener: <b>RHEOBYK-T 1000 VF</b> <b>RHEOBYK-T 1010 VF</b> RHEOBYK-L 1400 VF  In combination with low shear thickener: <b>RHEOBYK-H 3300 VF</b>	High-Shear-Verdicker: <b>RHEOBYK-T 1000 VF</b> <b>RHEOBYK-T 1010 VF</b> RHEOBYK-L 1400 VF  In combination with low shear thickener: <b>RHEOBYK-H 3300 VF</b>	
<b>Wetting and Dispersing Additives for Viscosity Reduction</b>	<b>BYK-W 969</b> <b>BYK-W 985</b> <b>BYK-W 9010*</b> BYK-9076* DISPERBYK-118 DISPERBYK-2152*	<b>BYK-W 996</b> <b>BYK-W 9010*</b> BYK-W 9011* DISPERBYK-2152*	<b>BYK-W 969</b> <b>BYK-W 996</b> <b>BYK-W 9010*</b> BYK-W 9011* DISPERBYK-118 DISPERBYK-2152*	<b>BYK-W 969</b>	<b>DISPERBYK-2157*</b> <b>DISPERPLAST-1142*</b> <b>DISPERPLAST-1148</b> BYK-9076* DISPERBYK-2152* DISPERBYK-2155* DISPERPLAST-I	Inorganic fillers and pigments: <b>BYK-154</b> <b>DISPERBYK-190</b> <b>DISPERBYK-199</b> <b>DISPERBYK-2080</b> DISPERBYK-2015  Organic pigments/ carbon black: <b>DISPERBYK-191*</b> DISPERBYK-2015	Inorganic fillers and pigments: <b>BYK-154</b> <b>DISPERBYK-190</b> <b>DISPERBYK-199</b> <b>DISPERBYK-2080</b> DISPERBYK-2015  Organic pigments/ carbon black: <b>DISPERBYK-191*</b> DISPERBYK-2015	Inorganic fillers and pigments: <b>BYK-154</b> <b>DISPERBYK-190</b> <b>DISPERBYK-199</b> <b>DISPERBYK-2080</b> DISPERBYK-2015  Organic pigments/ carbon black: <b>DISPERBYK-191*</b> DISPERBYK-2015	
<b>Wetting and Dispersing Additives for Viscosity Reduction and Anti-settling</b>	<b>BYK-P 105*</b> <b>BYK-W 980</b> BYK-W 966 BYK-W 961	<b>BYK-W 940</b> BYK-W 966	<b>BYK-W 940</b> <b>BYK-W 980</b> BYK-W 966	<b>BYK-P 105*</b> <b>BYK-W 980</b> BYK-W 966 BYK-W 940		Inorganic fillers and pigments: <b>ANTI-TERRA-250</b>	Inorganic fillers and pigments: <b>ANTI-TERRA-250</b>	Inorganic fillers and pigments: <b>ANTI-TERRA-250</b>	
<b>Extending Opentime</b>						<b>BYKETOL-PC</b>	<b>BYKETOL-PC</b>	<b>BYKETOL-PC</b>	
<b>Compatibilizer</b>	<b>BYK-P 9908</b> <b>BYK-P 9909</b>								
<b>Moisture Scavenger</b>	<b>BYK-2616</b>				<b>BYK-2616</b>				<b>BYK-2616</b>
<b>Anti-Blocking</b>									<b>AQUACER 531</b> <b>HORDAMER PE 02</b>
<b>Adhesion Promotion</b>						<b>HORDAMER PE 02</b> AQUACER-1061	<b>HORDAMER PE 02</b> AQUACER-1061		For further information please contact <a href="mailto:adhesives.byk@altana.com">adhesives.byk@altana.com</a> .

First recommendation      Second recommendation  
\* High-solid additives

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This issue replaces all previous versions – Printed in Germany