

ADDITIVE SELECTION CHART AQUEOUS INDUSTRIAL COATINGS

ANTI-FLOATING



SUBSTRATE WETTING

DEFOAMING



Aqueous industrial coatings (1/3)

Application	Emulsion systems alkyd/acrylic/polyurethane	Water reducible systems acrylic/alkyd/polyester	2-pack polyurethanes	2-pack epoxies	UV curing systems
Pigment stabilization, anti-flood, anti-float	Primer surfacers				
	Grind with resin: ANTI-TERRA-250 DISPERBYK-2012 DISPERBYK-2080	Grind with resin: ANTI-TERRA-250 DISPERBYK-180 DISPERBYK-2012 DISPERBYK-2080	Grind with resin: ANTI-TERRA-250 DISPERBYK-180 DISPERBYK-2012 DISPERBYK-2080	Grind with resin: DISPERBYK-199 BF*1 DISPERBYK-2012	
	Resin-free grind: DISPERBYK-199 BF*1 DISPERBYK-2010 DISPERBYK-2012	Resin-free grind: DISPERBYK-2010 DISPERBYK-2012	Resin-free grind: DISPERBYK-2010 DISPERBYK-2012	Resin-free grind: DISPERBYK-2010 DISPERBYK-2012	
	Topcoats				
	Grind with resin: DISPERBYK-2012 DISPERBYK-2055	Grind with resin: DISPERBYK-180*2 DISPERBYK-2012 DISPERBYK-2055	Grind with resin: DISPERBYK-180*2 DISPERBYK-2012 DISPERBYK-2055	Grind with resin: DISPERBYK-194 N DISPERBYK-2012 DISPERBYK-2055	Grind with resin: DISPERBYK-180*2 DISPERBYK-2012 DISPERBYK-2013
	Resin-free grind: DISPERBYK-190 BF*1 DISPERBYK-191 DISPERBYK-2010 DISPERBYK-2012	Resin-free grind: DISPERBYK-190 BF*1 DISPERBYK-191 DISPERBYK-2010 DISPERBYK-2012	Resin-free grind: DISPERBYK-190 BF*1 DISPERBYK-194 N DISPERBYK-2010 DISPERBYK-2012		Resin-free grind: DISPERBYK-190 BF*1 DISPERBYK-2010 DISPERBYK-2012
Effect pigments					
	Resin-free slurries: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060	Resin-free slurries: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060	Resin-free slurries: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060		Resin-free slurries: DISPERBYK-180 DISPERBYK-192
Rheology modifier, anti-sagging, anti-settling	OPTIGEL-WM OPTIGEL-WX RHEOBYK-D 420 RHEOBYK-H 7625 VF RHEOBYK-L 1400 VF	OPTIGEL-WM OPTIGEL-WX RHEOBYK-D 420	OPTIGEL-WM OPTIGEL-WX RHEOBYK-7610 RHEOBYK-D 420 RHEOBYK-H 7625 VF RHEOBYK-L 1400 VF	OPTIGEL-WM OPTIGEL-WX RHEOBYK-440 RHEOBYK-D 420	RHEOBYK-D 420 RHEOBYK-H 7625 VF RHEOBYK-L 1400 VF
Orientation of effect pigments	AQUATIX 8421 LAPONITE-RD RHEOBYK-440	AQUATIX 8421	AQUATIX 8421 LAPONITE-RD RHEOBYK-440		

Unless otherwise stated, all silicone-containing additives have a cyclic siloxane content (D4, D5, D6) of less than 0.1 % each.

*1 Biocide-free version: Future-oriented variant of the original product. Originals are still available.

*2 only for inorganic pigments

*3 for baking systems

*4 Please pre-neutralize before use.



Aqueous industrial coatings (2/3)

Application	Emulsion systems alkyd/acrylic/polyurethane	Water reducible systems acrylic/alkyd/polyester	2-pack polyurethanes	2-pack epoxies	UV curing systems
Leveling	Silicone: BYK-3480 BYK-3481 BYK-3565	Silicone: BYK-3480 BYK-3481 BYK-3565	Silicone: BYK-3480 BYK-3481 BYK-3565	Silicone: BYK-3480 BYK-3481 BYK-3565	Silicone: BYK-3480 BYK-3481 BYK-3565
	Silicone-free: BYK-381 BYK-3560	Silicone-free: BYK-381 BYK-3560	Silicone-free: BYK-381 BYK-3560	Silicone-free: BYK-381 BYK-3560	Silicone-free: BYK-381 BYK-3560
Substrate wetting < 10 % co-solvent content	Silicone: BYK-346 BYK-348 BYK-349 BYK-3480 BYK-3481	Silicone: BYK-346 BYK-348 BYK-349 BYK-3480 BYK-3481	Silicone: BYK-346 BYK-348 BYK-349 BYK-3480 BYK-3481	Silicone: BYK-346 BYK-348 BYK-349 BYK-3480 BYK-3481	Silicone: BYK-349 BYK-348 BYK-3455 BYK-3480 BYK-3481
	Silicone: BYK-333 BYK-3760 BYK-3480 BYK-3481 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3480 BYK-3481	Silicone: BYK-333 BYK-3480 BYK-3481 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3480 BYK-3481 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3480 BYK-3481 BYK-3762 BYK-3764
Substrate wetting > 10 % co-solvent content	Silicone: BYK-333 BYK-3760 BYK-3480 BYK-3481 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3480 BYK-3481	Silicone: BYK-333 BYK-3480 BYK-3481 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3480 BYK-3481 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3480 BYK-3481 BYK-3762 BYK-3764
Surface slip	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3762 BYK-3764
Defoaming	Silicone: BYK-022 BYK-024 BYK-028 BYK-092 BYK-093 BYK-1786	Silicone: BYK-022 BYK-092 BYK-1786	Silicone: BYK-024 BYK-028 BYK-092 BYK-093 BYK-1786	Silicone: BYK-022 BYK-024 BYK-028 BYK-092	Silicone: BYK-024 BYK-028 BYK-093 BYK-1786
	Silicone-free: BYK-011 BYK-1640 BYK-1711	Silicone-free: BYK-011 BYK-015	Silicone-free: BYK-011 BYK-015 BYK-1640	Silicone-free: BYK-011 BYK-1640 BYK-1711	Silicone-free: BYK-011
				Mineral oil: BYK-037	

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Aqueous industrial coatings (3/3)

Application	Emulsion systems alkyd/acrylic/polyurethane	Water reducible systems acrylic/alkyd/polyester	2-pack polyurethanes	2-pack epoxies	UV curing systems
Scratch resistance	AQUACER 539 CERAFLOUR 929 N	CERAFLOUR 929 N	AQUACER 507 AQUACER 531 AQUACER 539 AQUAMAT 272 N CERAFLOUR 929 N		AQUACER 507 AQUACER 531 AQUAMAT 272 N
Anti-popping		BYKETOL-AQ BYKETOL-WA	BYKETOL-AQ BYKETOL-WA		
Matting	AQUAMAT 208 AQUAMAT 272 N CERAFLOUR 927 N CERAFLOUR 929 N	AQUAMAT 208 AQUAMAT 272 N CERAFLOUR 927 N CERAFLOUR 929 N	CERAFLOUR 927 N CERAFLOUR 929 N In combination with matting agent: CERAFLOUR 950		AQUAMAT 272 N CERAFLOUR 929 N CERAFLOUR 1000
Texture	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917
Soft-feel effect	AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 929 N	AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 929 N	AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 929 N		AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 929 N CERAFLOUR 1000
Easy cleaning properties	BYK-SILCLEAN 3720* ³	BYK-SILCLEAN 3720* ³	BYK-SILCLEAN 3720		
Adhesion promoter for metal	BYK-4509* ³	BYK-4509* ³	BYK-4509 BYK-4512	BYK-4513	

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*² only for inorganic pigments

*³ for baking systems

*⁴ Please pre-neutralize before use.



Pigment concentrates

Pigment stabilization, anti-flood, anti-float	Rheology modifier, anti-settling	Defoaming
<p>Grind with resin: DISPERBYK-2012 DISPERBYK-2055</p> <p>Resin-free grind: DISPERBYK-190 BF*¹ DISPERBYK-191 DISPERBYK-2010 DISPERBYK-2012</p>	<p>OPTIGEL-WM OPTIGEL-WX RHEOBYK-D 420</p>	<p>Silicone: BYK-021 BYK-024 BYK-1786</p> <p>Silicone-free: BYK-012 BYK-014 BYK-1640</p>

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Electrodeposition coatings

Pigment stabilization, gloss, anti-flood, anti-float	Leveling	Anti-cratering, oil robustness	Substrate wetting	Defoaming	Increase of surface	Adhesion
<p>BYK-DYNWET 800 DISPERBYK-109 DISPERBYK-111 DISPERBYK-192 DISPERBYK-2117</p>	<p>BYK-DYNWET 800</p>	<p>BYK-326 BYK-327</p>	<p>BYK-347 BYK-349 BYK-3455</p>	<p>BYK-011 BYK-012 BYK-014 BYK-1740</p>	<p>Silicone: BYK-3565 BYK-3566</p> <p>Silicone-free: BYK-3560</p>	<p>BYK-3560 BYK-4513*⁴</p>

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*³ for baking systems

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For more products for electrodeposition coatings, please contact ecoat.byk@altana.com

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This issue replaces all previous versions.

