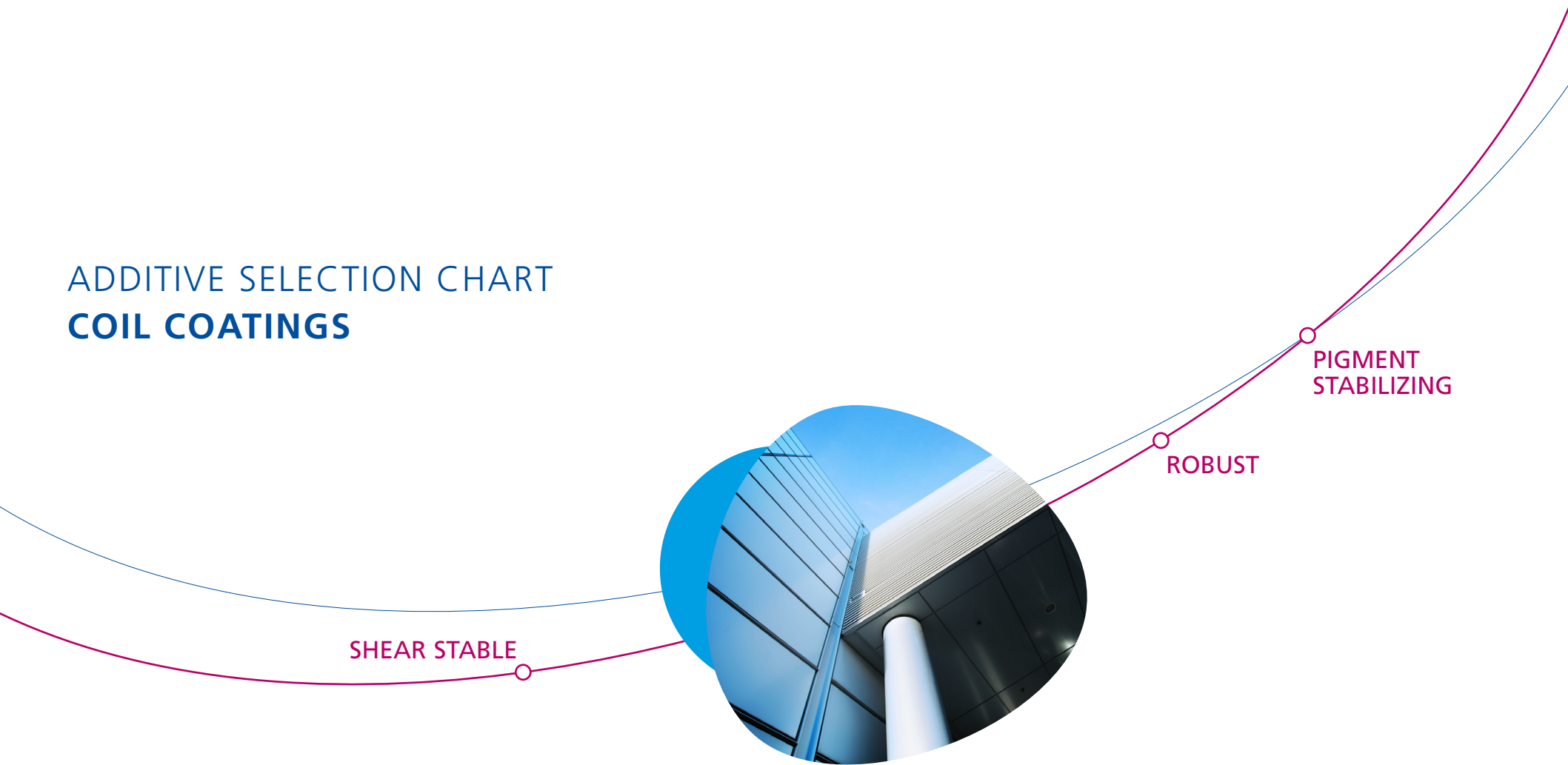


ADDITIVE SELECTION CHART COIL COATINGS



SHEAR STABLE

ROBUST

PIGMENT
STABILIZING



Topcoats (1/4)

Application	Solvent-borne systems					Aqueous systems	Radiation curing systems, solvent-free	PVC plastisols
	Polyester, polyacrylate	1-pack PU not structured	1-pack PU structured	PVDF	FEVE			
Pigment stabilization (pigment concentrates)	Inorganic pigments: DISPERBYK-110 DISPERBYK-180	Inorganic pigments: DISPERBYK-110 DISPERBYK-180				Inorganic pigments: ANTI-TERRA-250 DISPERBYK-180 DISPERBYK-199 DISPERBYK-2080	Inorganic pigments: DISPERBYK-111 DISPERBYK-180	Inorganic pigments: DISPERBYK-180
	Inorganic and organic pigments: DISPERBYK-170 DISPERBYK-171 DISPERBYK-174 DISPERBYK-2013 DISPERBYK-2025 DISPERBYK-2026 DISPERBYK-2205	Inorganic and organic pigments: DISPERBYK-167 DISPERBYK-170 DISPERBYK-174 DISPERBYK-2013 DISPERBYK-2205	Inorganic and organic pigments: DISPERBYK-167 DISPERBYK-182 DISPERBYK-2025	Inorganic and organic pigments: DISPERBYK-167 DISPERBYK-170 DISPERBYK-2013 DISPERBYK-2025	Inorganic and organic pigments: DISPERBYK-2013 DISPERBYK-2025 DISPERBYK-2026	Inorganic and organic pigments: ANTI-TERRA-250 DISPERBYK-190 DISPERBYK-199 DISPERBYK-2012	Inorganic and organic pigments: DISPERBYK-2013 DISPERBYK-2155	Inorganic and organic pigments: DISPERBYK-2025 DISPERBYK-2026 DISPERPLAST-1150
	Effect pigments: DISPERBYK-110 DISPERBYK-167 DISPERBYK-2025					Effect pigments: DISPERBYK-192		
	Synergist for organic pigments: BYK-SYNERGIST 2100*							
Pigment stabilization (co-grinds)	BYK-P 104 DISPERBYK-170 DISPERBYK-171 DISPERBYK-174 DISPERBYK-2013 DISPERBYK-2025 DISPERBYK-2026	DISPERBYK-167 DISPERBYK-170 DISPERBYK-174 DISPERBYK-2013 DISPERBYK-2205	DISPERBYK-167 DISPERBYK-182 DISPERBYK-2025	DISPERBYK-167 DISPERBYK-170 DISPERBYK-2013 DISPERBYK-2025	DISPERBYK-2013 DISPERBYK-2025 DISPERBYK-2026	ANTI-TERRA-250 DISPERBYK-190 DISPERBYK-2012	DISPERBYK-168 DISPERBYK-2013 DISPERBYK-2155	DISPERBYK-2025 DISPERPLAST-1150

* Synergists are only used in combination with wetting and dispersing additives and enhance their effect.



Topcoats (2/4)

Application	Solvent-borne systems					Aqueous systems	Radiation curing systems, solvent-free	PVC plastisols
	Polyester, polyacrylate	1-pack PU not structured	1-pack PU structured	PVDF	FEVE			
Defoaming, air-release	Silicone-free: BYK-054 BYK-057 BYK-352 BYK-354 BYK-392 BYK-397 BYK-1790	Silicone-free: BYK-054 BYK-057 BYK-397 BYK-1795	Silicone-free: BYK-054 BYK-057 BYK-1795	Silicone-free: BYK-054 BYK-354 BYK-392 BYK-1795	Silicone-free: BYK-054 BYK-354 BYK-392	Silicone-free: BYK-011 BYK-015 BYK-1710 BYK-1740	Silicone-free: BYK-054 BYK-1790 BYK-1795	Silicone-free: BYK-054 BYK-392 BYK-1790
						Silicone: BYK-022 BYK-024 BYK-028 BYK-092 BYK-093		
Leveling, anti-crater effect	BYK-350 BYK-354 BYK-361 N BYK-392 BYK-399 BYK-3560	BYK-354 BYK-361 N BYK-392 BYK-399 BYK-3560	BYK-354 BYK-361 N BYK-392 BYK-399 BYK-3560	BYK-352 BYK-354	BYK-399	BYK-381 BYK-3560 BYKETOL-AQ	BYK-350 BYK-361 N BYK-399	BYK-354 BYK-392 BYK-399
COF reduction	PTFE-free: CERACOL 600 CERAFLOUR 925 N CERAFLOUR 991	PTFE-free: CERACOL 600 CERAFLOUR 925 N CERAFLOUR 991	PTFE-free: CERAFLOUR 925 N CERAFLOUR 991	PTFE-free: CERAFLOUR 925 N CERAFLOUR 991	PTFE-free: CERACOL 600 CERAFLOUR 925 N CERAFLOUR 991	PTFE-free: AQUACER 537 AQUACER 539 CERAFLOUR 925 N	PTFE-free: CERAFLOUR 925 N CERAFLOUR 929 N CERAFLOUR 991	
	PTFE: CERACOL 607 R CERAFLOUR 999	PTFE: CERACOL 607 R CERAFLOUR 999	PTFE: CERAFLOUR 999	PTFE: CERAFLOUR 999	PTFE: CERACOL 607 R CERAFLOUR 999		PTFE: CERAFLOUR 996 R CERAFLOUR 999	

* Synergists are only used in combination with wetting and dispersing additives and enhance their effect.



Topcoats (3/4)

Application	Solvent-borne systems					Aqueous systems	Radiation curing systems, solvent-free	PVC plastisols
	Polyester, polyacrylate	1-pack PU not structured	1-pack PU structured	PVDF	FEVE			
Scratch resistance, abrasion resistance	PTFE-free: CERAFLOUR 925 N CERAFLOUR 988 CERAFLOUR 991 CERAFLOUR 1050 CERAFLOUR 1051 CERAFLOUR 1052	PTFE-free: CERAFLOUR 925 N CERAFLOUR 988 CERAFLOUR 991 CERAFLOUR 1050 CERAFLOUR 1051 CERAFLOUR 1052	PTFE-free: CERAFLOUR 925 N CERAFLOUR 991 CERAFLOUR 1050 CERAFLOUR 1051 CERAFLOUR 1052	PTFE-free: CERAFLOUR 925 N CERAFLOUR 991 CERAFLOUR 1050 CERAFLOUR 1051 CERAFLOUR 1052	PTFE-free: CERAFLOUR 925 N CERAFLOUR 991 CERAFLOUR 1050 CERAFLOUR 1051 CERAFLOUR 1052	PTFE-free: AQUACER 531 AQUACER 840 AQUACER 1547 CERAFLOUR 925 N	PTFE-free: CERAFLOUR 925 N CERAFLOUR 929 N CERAFLOUR 1051	
	PTFE: CERACOL 607 R CERAFLOUR 981 R CERAFLOUR 996 R	PTFE: CERACOL 607 R CERAFLOUR 981 R CERAFLOUR 996 R	PTFE: CERACOL 607 R CERAFLOUR 996 R	PTFE: CERAFLOUR 996 R	PTFE: CERACOL 607 R CERAFLOUR 996 R		PTFE: CERAFLOUR 996 R CERAFLOUR 999	
Anti-blocking	PTFE-free: CERAFLOUR 925 N	PTFE-free: CERAFLOUR 925 N	PTFE-free: CERAFLOUR 925 N	PTFE-free: CERAFLOUR 925 N	PTFE-free: CERAFLOUR 925 N	PTFE-free: AQUACER 537 AQUACER 539	PTFE-free: CERAFLOUR 920	
Substrate wetting	Silicone-free: BYK-399	Silicone-free: BYK-399	Silicone-free: BYK-399	Silicone-free: BYK-399	Silicone-free: BYK-399	Silicone-free: BYK-3410 BYK-DYNWET 800	Silicone-free: BYK-399	
						Silicone: BYK-346 BYK-348 BYK-349 BYK-3480 BYK-3481		
Anti-popping	BYK-392	BYK-392	BYK-392	BYK-392	BYK-392	BYKETOL-AQ		
Matting	PTFE-free: CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 988	PTFE-free: CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 988	PTFE-free: CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 988	PTFE-free: CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 988	PTFE-free: CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 988	PTFE-free: AQUAMAT 208 CERAFLOUR 920 CERAFLOUR 929 N	PTFE-free: CERAFLOUR 920 CERAFLOUR 950 CERAFLOUR 1000 CERAFLOUR 1001	

* Synergists are only used in combination with wetting and dispersing additives and enhance their effect.



Topcoats (4/4)

Application	Solvent-borne systems					Aqueous systems	Radiation curing systems, solvent-free	PVC plastisols
	Polyester, polyacrylate	1-pack PU not structured	1-pack PU structured	PVDF	FEVE			
Texture/wrinkle effect	PTFE-free: CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	PTFE-free: CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	PTFE-free: CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917			PTFE-free: CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	PTFE-free: CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917	
Adhesion	BYK-4510 BYK-4512	BYK-4510 BYK-4512	BYK-4510 BYK-4512	BYK-4510 BYK-4512	BYK-4510 BYK-4512	BYK-4509 BYK-4512		
Anti-settling	BYK-P 104 CLAYTONE-40 GARAMITE-7305 RHEOBYK-D 410	BYK-P 104 CLAYTONE-40 GARAMITE-7305 RHEOBYK-D 410	BYK-P 104 CLAYTONE-40 GARAMITE-7305 RHEOBYK-D 410	BYK-P 104 CLAYTONE-40 GARAMITE-7305 RHEOBYK-D 410	BYK-P 104 CLAYTONE-40 GARAMITE-7305 RHEOBYK-D 410	ANTI-TERRA-250 OPTIGEL-WX RHEOBYK-D 420 RHEOBYK-H 7625 VF		

* Synergists are only used in combination with wetting and dispersing additives and enhance their effect.



Primer

Application	Solvent-borne systems	Aqueous systems
Pigment stabilization	<p>Inorganic pigments: DISPERBYK-110 DISPERBYK-180</p> <p>Inorganic and organic pigments: ANTI-TERRA-204 BYK-P 104 DISPERBYK-2025 DISPERBYK-2026</p>	<p>Inorganic pigments: ANTI-TERRA-250 DISPERBYK-180 DISPERBYK-199 DISPERBYK-2080</p> <p>Inorganic and organic pigments: DISPERBYK-190</p>
Defoaming, air-release	<p>Silicone-free: BYK-054 BYK-057 BYK-352 BYK-354 BYK-392 BYK-397 BYK-1790 BYK-1795</p>	<p>Silicone-free: BYK-011 BYK-015 BYK-1710 BYK-1740</p> <p>Silicone: BYK-022 BYK-024 BYK-028 BYK-092 BYK-093</p>
Leveling	BYK-350 BYK-352 BYK-354 BYK-399	BYK-381 BYK-3560 BYKETOL-AQ
Anti-popping	BYK-392	BYKETOL-AQ
Substrate wetting	<p>Silicone-free: BYK-399</p>	<p>Silicone: BYK-346 BYK-349</p>
Texture	<p>PTFE-free: CERAFLOUR 914 CERAFLOUR 915</p>	
Adhesion	BYK-4510 BYK-4512	BYK-4509 BYK-4512

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