



Additive Selection Chart L-AG 1.7

# Coil Coatings

December 2018



# Coil Coatings

## Topcoats

Pigment Stabilization		Defoaming, Air-release	Leveling, Anti-crater Effect	Surface Slip	Substrate Wetting	Anti-popping	Adhesion Control of Protective Foils	Scratch Resistance, Film Hardness	Anti-blocking	Matting	Texture	Adhesion	Anti-setting
Single Grinds Co-grinds	Highly filled Pigment Concentrates												

### Solvent-borne Systems

Polyester, Polyacrylate	Inorganic pigments: <b>DISPERBYK-110</b> <b>DISPERBYK-180</b> Inorganic and organic pigments: <b>DISPERBYK-170</b> <b>DISPERBYK-2013</b> <b>DISPERBYK-2026</b> BYK-P 104 DISPERBYK-174 DISPERBYK-2025 DISPERBYK-2205 Effect pigments: <b>DISPERBYK-110</b> <b>DISPERBYK-163</b> DISPERBYK-2025 Synergist* for organic pigments: <b>BYK-SYNERGIST 2100</b>	Inorganic pigments: <b>DISPERBYK-110</b> <b>DISPERBYK-180</b> Inorganic and organic pigments: <b>DISPERBYK-2013</b> <b>DISPERBYK-2026</b> DISPERBYK-170 DISPERBYK-2025 DISPERBYK-2205 Synergist* for organic pigments: <b>BYK-SYNERGIST 2100</b>	<b>BYK-054</b> <b>BYK-057</b> <b>BYK-392</b> <b>BYK-1795</b> BYK-352 BYK-354 BYK-1788	Polyacrylate: <b>BYK-350</b> <b>BYK-354</b> <b>BYK-392</b> BYK-355 BYK-3560 Polymer: <b>BYK-399</b>	Wax: <b>CERAFLOUR 925 N</b> <b>CERAFLOUR 991</b> CERACOL 600 CERACOL 607 CERACOL 609 N Silicone: BYK-310	<b>BYK-399</b>	<b>BYK-392</b>	<b>BYK-394</b>	Medium gloss: <b>CERACOL 600</b> <b>CERAFLOUR 925 N</b> <b>CERAFLOUR 996</b> CERACOL 607 CERAFLOUR 950 CERAFLOUR 981 High gloss: <b>CERACOL 600</b> <b>CERAFLOUR 925 N</b> <b>CERAFLOUR 981</b> <b>CERAFLOUR 991</b> CERACOL 607	<b>CERAFAK 127 N</b>	<b>CERAFLOUR 920</b> <b>CERAFLOUR 929 N</b> <b>CERAFLOUR 950</b>	<b>CERAFLOUR 913</b> <b>CERAFLOUR 914</b> <b>CERAFLOUR 915</b> <b>CERAFLOUR 916</b> <b>CERAFLOUR 917</b>	<b>BYK-4510</b> <b>BYK-4512</b>	<b>BYK-P 104</b> CLAYTONE-40 GARAMITE-2578 GARAMITE-7305 RHEOBYK-D 410	
	1K-PU, 1K-PU/Polyamide	<b>DISPERBYK-163</b> <b>DISPERBYK-182</b> <b>DISPERBYK-2026</b> DISPERBYK-2025	<b>DISPERBYK-163</b> DISPERBYK-182 DISPERBYK-2025	<b>BYK-057</b> <b>BYK-1788</b> <b>BYK-1795</b> BYK-054											
	PVDF	<b>DISPERBYK-170</b> <b>DISPERBYK-2013</b> DISPERBYK-163 DISPERBYK-2025	<b>DISPERBYK-170</b> <b>DISPERBYK-2013</b> DISPERBYK-163 DISPERBYK-2025	<b>BYK-054</b> <b>BYK-354</b> <b>BYK-392</b> <b>BYK-1795</b>	<b>BYK-352</b> <b>BYK-354</b>										
	FEVE	<b>DISPERBYK-170</b> <b>DISPERBYK-2025</b> DISPERBYK-163 DISPERBYK-2013 DISPERBYK-2026	<b>DISPERBYK-170</b> <b>DISPERBYK-2025</b> DISPERBYK-163 DISPERBYK-2013 DISPERBYK-2026	<b>BYK-054</b> <b>BYK-354</b> <b>BYK-392</b>	<b>BYK-399</b>										

### Aqueous Systems

	Inorganic pigments: <b>ANTI-TERRA-250</b> <b>DISPERBYK-180</b> <b>DISPERBYK-199</b> DISPERBYK-2080 Inorganic and organic pigments: <b>ANTI-TERRA-250</b> <b>DISPERBYK-2012</b> DISPERBYK-184 Effect pigments: <b>DISPERBYK-192</b>	<b>ANTI-TERRA-250</b> <b>DISPERBYK-190</b> <b>DISPERBYK-199</b> DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-2015	Silicone: <b>BYK-028</b> BYK-022 BYK-024 BYK-093 BYK-1786 Silicone-free: <b>BYK-011</b> <b>BYK-1640</b> BYK-1710	<b>BYK-381</b> <b>BYK-3560</b> BYKETOL-AQ	<b>AQUACER 537</b> <b>AQUACER 1547</b> <b>CERAFLOUR 925 N</b>	<b>BYK-346</b> <b>BYK-348</b> <b>BYK-349</b> BYK-3410 BYK-DYNWET 800 N	<b>BYKETOL-AQ</b>		<b>AQUACER 840</b> <b>AQUACER 1547</b> <b>CERAFLOUR 925 N</b>	<b>AQUACER 537</b>		<b>CERAFLOUR 913</b> <b>CERAFLOUR 914</b> <b>CERAFLOUR 915</b> <b>CERAFLOUR 916</b> <b>CERAFLOUR 917</b>	<b>BYK-4509</b> <b>BYK-4512</b>	<b>ANTI-TERRA-250</b> <b>RHEOBYK-D 420</b> <b>RHEOBYK-H 7625 VF</b>
--	---	---	---	---	---	--	-------------------	--	---	--------------------	--	--	------------------------------------	---

### Radiation Curing Systems, solvent-free

	Inorganic pigments: <b>DISPERBYK-111</b> DISPERBYK-180 Inorganic and organic pigments: <b>DISPERBYK-2013</b> <b>DISPERBYK-2155</b>	Inorganic pigments: <b>DISPERBYK-111</b> Inorganic and organic pigments: <b>DISPERBYK-2013</b> <b>DISPERBYK-2155</b>	<b>BYK-1788</b> <b>BYK-1795</b>	<b>BYK-350</b> BYK-399					<b>CERAFLOUR 925 N</b> <b>CERAFLOUR 996</b>	<b>CERAFLOUR 920</b>	<b>CERAFLOUR 920</b>	<b>CERAFLOUR 913</b> <b>CERAFLOUR 914</b> <b>CERAFLOUR 915</b> <b>CERAFLOUR 916</b> <b>CERAFLOUR 917</b>		
--	---	--	------------------------------------	---------------------------	--	--	--	--	--	----------------------	----------------------	--	--	--

### PVC-Plastisols

	Inorganic pigments: <b>DISPERPLAST-1142</b> <b>DISPERBYK-180</b> Inorganic and organic pigments: <b>DISPERBYK-1150</b> <b>DISPERBYK-2025</b> DISPERBYK-164	<b>DISPERBYK-2026</b> DISPERBYK-2025	<b>BYK-054</b> <b>BYK-1788</b> <b>BYK-1790</b>	<b>BYK-354</b> <b>BYK-392</b> <b>BYK-399</b>										
--	--	---	--	--	--	--	--	--	--	--	--	--	--	--

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

## Primer

Pigment Stabilization	Defoaming, Air-release	Leveling	Anti-popping	Substrate Wetting	Texture	Adhesion
-----------------------	------------------------	----------	--------------	-------------------	---------	----------

### Solvent-borne Systems

<b>BYK-P 104</b> <b>DISPERBYK-110</b> <b>DISPERBYK-180</b> ANTI-TERRA 204 DISPERBYK-2025 DISPERBYK-2026	<b>BYK-054</b> <b>BYK-057</b> <b>BYK-1788</b> <b>BYK-1795</b> BYK-352 BYK-354 BYK-392	<b>BYK-354</b> <b>BYK-399</b> BYK-350 BYK-352	<b>BYK-392</b>	<b>BYK-399</b>	<b>CERAFLOUR 914</b> <b>CERAFLOUR 915</b>	<b>BYK-4510</b> <b>BYK-4512</b>
--	---	--	----------------	----------------	--	------------------------------------

### Aqueous Systems

<b>ANTI-TERRA-250</b> <b>DISPERBYK-180</b> <b>DISPERBYK-199</b>	Silicone: <b>BYK-028</b> BYK-019 BYK-021 BYK-022 BYK-024 BYK-093 Silicone-free: <b>BYK-011</b> <b>BYK-1640</b> BYK-1710	<b>BYK-381</b> BYKETOL-AQ	<b>BYKETOL-AQ</b>	<b>BYK-346</b> <b>BYK-349</b>	<b>CERAFLOUR 914</b> <b>CERAFLOUR 915</b>	<b>BYK-4509</b> <b>BYK-4512</b>
---	---	------------------------------	-------------------	----------------------------------	--	------------------------------------

First recommendations    Second recommendations

For more information about our additives and instruments, as well as our additive sample orders please visit:

[www.byk.com](http://www.byk.com)

Additives:

**BYK-Chemie GmbH**  
P.O. Box 100245  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

[info@byk.com](mailto:info@byk.com)

Instruments:

**BYK-Gardner GmbH**  
P.O. Box 970  
82534 Geretsried  
Germany  
Tel +49 8171 3493-0  
+49 800 427-3637  
Fax +49 8171 3493-140

[info.byk.gardner@altana.com](mailto:info.byk.gardner@altana.com)



ACTAL®, ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAC®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PAPERBYK®, PERMONT®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions – Printed in Germany