

ADDITIVE SELECTION CHART SOLVENT-BORNE AND SOLVENT-FREE INDUSTRIAL COATINGS

DEFLOCCULATING



ANTI-SAGGING

SCRATCH
RESISTANT



Solvent-borne and solvent-free industrial coatings (1/3)

Application	2-pack polyurethanes	Baking systems	2-pack epoxies	Air-drying alkyds	Thermoplastic acrylates	UV curing systems
Pigment stabilization, controlled flocculating additives (anti-settling, anti-sagging)	ANTI-TERRA-204*1 BYK-P 104*1 BYK-P 104 S*1	ANTI-TERRA-204*1 BYK-P 104*1 BYK-P 104 S*1	ANTI-TERRA-204*1 BYK-P 104*1 BYK-P 104 S*1	ANTI-TERRA-204*1 BYK-P 104*1 BYK-P 104 S*1	ANTI-TERRA-204*1 BYK-P 104*1 BYK-P 104 S*1	BYK-P 104*1 BYK-P 104 S*1
Pigment stabilization, deflocculating additives	Inorganic pigments and extenders: DISPERBYK-110*1 DISPERBYK-180 Organic and inorganic pigments: DISPERBYK-2013 DISPERBYK-2055 DISPERBYK-2150 TF*2 DISPERBYK-2155 TF*2 DISPERBYK-2205 Effect pigments: DISPERBYK-110*1 DISPERBYK-162 TF*2 Matting agents: DISPERBYK-103 DISPERBYK-2025	Inorganic pigments and extenders: DISPERBYK-110*1 DISPERBYK-180 Organic and inorganic pigments: DISPERBYK-2013 DISPERBYK-2055 DISPERBYK-2155 TF*2 DISPERBYK-2205 Effect pigments: DISPERBYK-110*1 DISPERBYK-162 TF*2 Matting agents: DISPERBYK-103 DISPERBYK-2025	Inorganic pigments and extenders: DISPERBYK-102 DISPERBYK-103 DISPERBYK-110*1 DISPERBYK-2152 TF*2 Organic and inorganic pigments: BYK-9076 DISPERBYK-2152 TF*2 DISPERBYK-2155 TF*2	Inorganic pigments and extenders: DISPERBYK-108 DISPERBYK-180 Organic and inorganic pigments: DISPERBYK-108 DISPERBYK-145 DISPERBYK-2155 TF*2	Inorganic pigments and extenders: DISPERBYK-108 DISPERBYK-110*1 DISPERBYK-180 Organic and inorganic pigments: BYK-9076 DISPERBYK-145 Effect pigments: DISPERBYK-110*1 DISPERBYK-162 TF*2	Inorganic pigments and extenders: DISPERBYK-110*1 DISPERBYK-111 DISPERBYK-180 Organic and inorganic pigments: DISPERBYK-2013 DISPERBYK-2055 DISPERBYK-2155 TF*2 Matting agents: DISPERBYK-103 DISPERBYK-2008
Rheology modifier, anti-settling, anti-sagging	CLAYTONE-40 CLAYTONE-AF CLAYTONE-APA CLAYTONE-HT GARAMITE-7305 RHEOBYK-D 410	CLAYTONE-40 CLAYTONE-AF CLAYTONE-HT GARAMITE-7305 RHEOBYK-415 RHEOBYK-D 410	CLAYTONE-40 CLAYTONE-AF GARAMITE-7305 RHEOBYK-D 410	CLAYTONE-40 CLAYTONE-AF GARAMITE-7303 RHEOBYK-7411 CA	CLAYTONE-40 CLAYTONE-AF GARAMITE-7305 RHEOBYK-D 410	CLAYTONE-AF RHEOBYK-D 410
Thix-Booster for CLAYTONE or GARAMITE	RHEOBYK-7405	RHEOBYK-7405	RHEOBYK-R 607	RHEOBYK-7405	RHEOBYK-7405	
Orientation of effect pigments	CERAFK 106*1 CERATIX 8561*1 Aromatic-free: CERAFK 110 CERATIX 8566	CERAFK 106*1 CERATIX 8561*1 Aromatic-free: CERAFK 110 CERATIX 8566		CERAFK 106*1 Aromatic-free: CERAFK 110	CERAFK 106*1 Aromatic-free: CERAFK 110	

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

*1 Product contains aromatic solvents, such as benzene, toluene, xylene, or solvent naphta. *2 (Organo) Tin-free version: Future-oriented variant of the original product. Originals are still available.



Solvent-borne and solvent-free industrial coatings (2/3)

Application	2-pack polyurethanes	Baking systems	2-pack epoxies	Air-drying alkyds	Thermoplastic acrylates	UV curing systems
Substrate wetting, surface slip, anti-crater	Silicone: BYK-310*1 BYK-314 BYK-333 BYK-3753 BYK-3760 BYK-3764	Silicone: BYK-310*1 BYK-314 BYK-3760 BYK-3764	Silicone: BYK-3760 BYK-3764	Silicone: BYK-333 BYK-3760 BYK-3764 BYK-3765	Silicone: BYK-333 BYK-3760 BYK-3764 BYK-3765	Silicone: BYK-333 BYK-379 BYK-3760 BYK-3764 BYK-3765 BYK-UV 3505
Substrate wetting and leveling	Silicone: BYK-3550	Silicone: BYK-3550	Silicone: BYK-3550		Silicone: BYK-3550	
Leveling	Silicone: BYK-320*1 BYK-3550 BYK-3752 Silicone-free: BYK-358 N*1 BYK-361 N BYK-399	Silicone: BYK-320*1 BYK-3550 BYK-3752 Silicone-free: BYK-358 N*1 BYK-361 N BYK-392 BYK-399	Silicone: BYK-320*1 BYK-3550 BYK-3752 Silicone-free: BYK-358 N*1 BYK-361 N BYK-392	Silicone: BYK-320*1 BYK-3550 BYK-3752 Silicone-free: BYK-358 N*1 BYK-361 N	Silicone: BYK-320*1 BYK-3550 BYK-3752 Silicone-free: BYK-358 N*1 BYK-361 N	Silicone: BYK-3550 BYK-3765 Silicone-free: BYK-361 N BYK-399 BYK-UV 3535
Anti-popping	BYK-392	BYK-392				
Defoaming	Silicone: BYK-085 BYK-088 BYK-1880 Silicone-free: BYK-054 BYK-392 BYK-1790	Silicone: BYK-085 BYK-088 BYK-A 530 Silicone-free: BYK-054	Silicone: BYK-085 BYK-088 BYK-1880 BYK-A 530 Silicone-free: BYK-054 BYK-057*1 BYK-1794	Silicone: BYK-088 BYK-A 530 Silicone-free: BYK-054	Silicone: BYK-088 Silicone-free: BYK-054	Silicone: BYK-088 BYK-1799 Silicone-free: BYK-1788 BYK-1790
Scratch resistance	CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 1051 NANOBYK-3650 NANOBYK-3652	CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 1051 NANOBYK-3650 NANOBYK-3652	CERAFLOUR 929 N CERAFLOUR 970 CERAFLOUR 1051	CERAFLOUR 929 N CERAFLOUR 1051 CERAMAT 258	CERAFLOUR 929 N CERAFLOUR 1051 CERAMAT 258	BYK-UV 3518 BYK-UV 3519 CERAFLOUR 929 N CERAFLOUR 950 NANOBYK-3611 NANOBYK-3652

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

*1 Product contains aromatic solvents, such as benzene, toluene, xylene, or solvent naphta.

*2 (Organo) Tin-free version: Future-oriented variant of the original product. Originals are still available.



Solvent-borne and solvent-free industrial coatings (3/3)

Application	2-pack polyurethanes	Baking systems	2-pack epoxies	Air-drying alkyds	Thermoplastic acrylates	UV curing systems
Matting	CERAFLOUR 920 CERAFLOUR 929 N	CERAFLOUR 920 CERAFLOUR 929 N		CERAFLOUR 929 N CERAMAT 258	CERAFLOUR 929 N CERAFLOUR 1000 CERAMAT 258	CERAFLOUR 1000 CERAFLOUR 1001 CERAFLOUR 1010
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	CERAFLOUR 913 CERAMAT 258	CERAFLOUR 913 CERAMAT 258		CERAFLOUR 913	CERAFLOUR 913 CERAMAT 258	CERAFLOUR 1000 CERAFLOUR 1001 CERAFLOUR 1010
Easy cleaning properties	BYK-SILCLEAN 3700	BYK-SILCLEAN 3700	BYK-SILCLEAN 3701			BYK-UV 3505
Adhesion promoter for metal	BYK-4510 BYK-4512	BYK-4510 BYK-4512	BYK-4511			

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

*1 Product contains aromatic solvents, such as benzene, toluene, xylene, or solvent naphtha. *2 (Organo) Tin-free version: Future-oriented variant of the original product. Originals are still available.



Pigment concentrates

Pigment stabilization, anti-flood, anti-float

Grind with resin:

DISPERBYK-163 TF*^{3,4}
DISPERBYK-2013
DISPERBYK-2055
DISPERBYK-2150 TF*⁴
DISPERBYK-2155 TF*⁴
DISPERBYK-2205

Resin-free grind:

DISPERBYK-2050
DISPERBYK-2205

Rheology modifier, anti-settling

GARAMITE-7305
RHEOBYK-D 410

*³ Product contains aromatic solvents, such as benzene, toluene, xylene, or solvent naphta.

*⁴ (Organo) Tin-free version: Future-oriented variant of the original product. Originals are still available.

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

ADD-MAX®, ADD-VANCE®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK-DYNWET®, BYK-MAX®, BYK-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURABYK®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® 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.

