



Additive Selection Chart L-AG 1.1

Architectural Coatings

January 2015

Solvent-borne Architectural Coatings

	Gloss Increase, Anti-flood, Anti-float	Anti-sagging, Anti-settling	Flow and Leveling		Substrate Wetting, Surface Slip	Defoaming, Air Release	Matting	Anti-blocking	Scratch Resistance		Water Repellency, Water Resistance	
Aromatic-containing Long Oil and Medium Oil Alkyds	ANTI-TERRA-U DISPERBYK-115	ANTI-TERRA-204 BYK-7411 ES	Silicone: BYK-320	Silicone-free: BYK-354	BYK-306 BYK-310	Silicone: BYK-066 N BYK-065	Silicone-free: BYK-052 N BYK-1794	CERAFLOUR 920	CERAFLOUR 996	CERAFLOUR 996 CERAFLOUR 991 CERAMAT 258	CERAFAK 117 CERAFLOUR 996	
Aromatic-containing Pliolites	DISPERBYK-145 BYK-P 104	ANTI-TERRA-204 BYK-7410 ET	Silicone: BYK-320 BYK-331	Silicone-free: BYK-354	BYK-306	Silicone: BYK-066 N BYK-070	Silicone-free: BYK-052 N BYK-1794	CERAFLOUR 920	CERAFLOUR 996	CERAFLOUR 996 CERAFLOUR 991 CERAMAT 258	CERAFAK 117 CERAFLOUR 996	
Aromatic-poor Long Oil Alkyds (Aromatic Content of the Additive <5%)	DISPERBYK-108 DISPERBYK-2155	ANTI-TERRA-204 BYK-7411 ES GARAMITE-2578	BYK-333 BYK-3550 BYK-320		BYK-333	Silicone: BYK-067 A BYK-066 N	Silicone-free: BYK-1752 BYK-1794	CERAFLOUR 920	CERAFLOUR 996	Wax: CERAFLOUR 996 CERAFLOUR 991	Silicone: BYK-323	CERAFAK 117 CERAFLOUR 996
Aromatic-free Long Oil Alkyds and Pliolites	ANTI-TERRA-U 100 DISPERBYK-145	BYK-7411 ES GARAMITE-2578	Silicone: BYK-333 BYK-331	Silicone-free: BYK-356	BYK-331 BYK-307	Silicone: BYK-088 BYK-067 A	Silicone-free: BYK-1752 BYK-1794	CERAFLOUR 920	CERAFLOUR 996	Wax: CERAFLOUR 996 CERAFLOUR 991 CERAFLOUR 998	Silicone: BYK-323	CERAFAK 117 CERAFLOUR 996
High Solid Alkyds (100%)	DISPERBYK-108 DISPERBYK-145 ANTI-TERRA-U 100	BYK-7411 ES GARAMITE-2578	Silicone: BYK-333 BYK-3550	Silicone-free: BYK-356	BYK-333	Silicone: BYK-067 A	Silicone-free: BYK-1794	CERAFLOUR 920	CERAFLOUR 996	Wax: CERAFLOUR 996 CERAFLOUR 991	Silicone: BYK-323	CERAFAK 117 CERAFLOUR 996
Epoxies	BYK-220 S DISPERBYK-110 DISPERBYK-2152	ANTI-TERRA-204 BYK-431 BYK-7410 ET	Silicone: BYK-320	Silicone-free: BYK-392* BYK-354	BYK-333 BYK-331	Silicone: BYK-066 N BYK-A 530	Silicone-free: BYK-1794 BYK-054	CERAFLOUR 920	CERAFLOUR 996	CERAFLOUR 996 CERAFLOUR 991 CERAFLOUR 998		CERAFLOUR 996
2pack Polyurethanes	DISPERBYK-180 DISPERBYK-2155 DISPERBYK-161	BYK-7410 ET ANTI-TERRA-204 BYK-P 104	Silicone: BYK-331 BYK-315 N BYK-333	Silicone-free: BYK-358 N BYK-354* BYK-392*	BYK-331 BYK-306	Silicone: BYK-066 N BYK-141	Silicone-free: BYK-1794	CERAFLOUR 920	CERAFLOUR 996	Wax: CERAFLOUR 996 CERAMAT 258 CERAFLOUR 991 CERAFLOUR 998	Silicone: BYK-331 BYK-333	CERAFLOUR 996
Thermoplastic Acrylics	DISPERBYK-145 DISPERBYK-2155	ANTI-TERRA-204 GARAMITE-2578 BYK-7411 ES BYK-P 104	Silicone: BYK-320 BYK-331	Silicone-free: BYK-354	BYK-307 BYK-320*	Silicone: BYK-066 N BYK-088 BYK-067 A	Silicone-free: BYK-052 N BYK-1794	CERAFLOUR 920	CERAFLOUR 996	CERAFLOUR 996 CERAFLOUR 991		CERAFLOUR 996
PVC Copolymers	BYK-P 104 DISPERBYK-163 DISPERBYK-110	ANTI-TERRA-203 BYK-7410 ET ANTI-TERRA-204	Silicone: BYK-320	Silicone-free: BYK-354	BYK-333 BYK-306	Silicone: BYK-066 N BYK-070	Silicone-free: BYK-052 N BYK-1794	CERAFLOUR 920	CERAFLOUR 996	CERAFLOUR 996 CERAFLOUR 991 CERAFLOUR 998		CERAFLOUR 996

First recommendation

Second recommendation

* also helps air release and defoaming

Aqueous Architectural Coatings

		Defoaming, Air Release	Gloss Increase, Anti-flood, Anti-float	Anti-sagging, Anti-settling	Flow and Leveling	Rheology Control	Substrate Wetting	Surface Slip	Matting	Anti-blocking	Water Repellency, Water Resistance	Scratch Resistance	Adhesion on Aged Paintwork
Water Soluble Alkyds		BYK-022 Silicone-free: BYK-1710	DISPERBYK-184 DISPERBYK-180 DISPERBYK-191	ANTI-TERRA-250 BYK-7420 ES	BYK-333 BYK-381 BYK-3455		BYK-333 BYK-346 BYK-3455	AQUACER 539 AQUACER 533 AQUACER 537	AQUAMAT 263 AQUAMAT 272 CERAFLOUR 920	AQUACER 497 AQUACER 539 AQUAMAT 272	AQUACER 497 AQUACER 539	BYK-333 AQUACER 539	
Alkyd Emulsions		BYK-022 BYK-024 BYK-093	Silicone-free: BYK-1710	DISPERBYK-199 DISPERBYK-2015 DISPERBYK-191	ANTI-TERRA-250 BYK-7420 ES	BYK-333 BYK-307	OPTIFLO-H 3300 VF OPTIFLO-T 1000 BYK-425	BYK-348 BYK-349	AQUACER 539 AQUACER 537	AQUAMAT 272 CERAFLOUR 920	AQUACER 497 AQUACER 539 AQUAMAT 272	AQUACER 539 BYK-333 NANOBYK-3603	BYK-4500
Hybrids		BYK-093 BYK-1730 BYK-023	Silicone-free: BYK-1710	DISPERBYK-199 DISPERBYK-2015 DISPERBYK-191	ANTI-TERRA-250 BYK-7420 ES	BYK-333 BYK-381	OPTIFLO-H 3300 VF OPTIFLO-T 1000 BYK-425	BYK-333 BYK-346 BYK-307	AQUACER 539 AQUACER 537	AQUAMAT 272 AQUAMAT 263 CERAFLOUR 920	AQUACER 497 AQUACER 539 AQUAMAT 272	AQUACER 539 NANOBYK-3603	BYK-4500
PU Dispersions		BYK-028 BYK-1785	Silicone-free: BYK-1710	DISPERBYK-199 DISPERBYK-2015 DISPERBYK-191	ANTI-TERRA-250 BYK-7420 ES	BYK-333 BYK-3455 BYK-307	OPTIFLO-H 3300 VF OPTIFLO-T 1000 BYK-425	BYK-348 BYK-349 BYK-3455 BYK-346	AQUACER 539 AQUACER 531 AQUACER 533	AQUAMAT 272 CERAFLOUR 920	AQUACER 497 AQUACER 539 AQUAMAT 272	AQUACER 539 AQUAMAT 272	
Acrylic Emulsions		BYK-022 BYK-1785 BYK-023 BYK-1730	BYK-154 DISPERBYK-187 DISPERBYK-199 DISPERBYK-2015	ANTI-TERRA-250 BYK-7420 ES	BYK-333 BYK-3455	OPTIFLO-H 3300 VF OPTIFLO-T 1000 BYK-425	BYK-348 BYK-349 BYK-3455	AQUACER 539 AQUACER 513 AQUACER 533	AQUAMAT 208 AQUAMAT 272 CERAFLOUR 920	AQUACER 497 AQUACER 539 AQUAMAT 272	AQUACER 497 AQUACER 539	AQUACER 539	
Emulsion Paints (PVC 25-50)	Semi Gloss	BYK-018 BYK-023 BYK-022 BYK-1785	BYK-154 DISPERBYK-187 DISPERBYK-199 DISPERBYK-192	ANTI-TERRA-250 OPTIGEL-CK OPTIGEL-WX		OPTIFLO-H 3300 VF OPTIFLO-L 1400 OPTIFLO-T 1000 OPTIFLO-TVS VF	BYK-348 BYK-349	AQUACER 539 AQUACER 513 AQUACER 533	AQUAMAT 272 AQUAMAT 208 CERAFLOUR 920	AQUACER 497 AQUACER 539 AQUAMAT 272	AQUACER 497 AQUACER 539	AQUACER 539 AQUAMAT 272	BYK-4500
	High Gloss	BYK-018 BYK-022 BYK-021 BYK-1785											
	Slurry Method (Semi/High Gloss)	BYK-1650 BYK-024											
Emulsion Paints (PVC 50-80)	Interior	Mineral oil based: BYK-037 Silicone: BYK-1615	ANTI-TERRA-250 BYK-154 DISPERBYK-192 DISPERBYK-199	ANTI-TERRA-250 OPTIGEL-CK OPTIGEL-WX		OPTIFLO-H 370 VF OPTIFLO-T 1000 OPTIFLO-TVS VF		AQUACER 539 AQUACER 513 AQUACER 533		AQUACER 539	AQUACER 539		
	Exterior	Mineral oil based: BYK-038 Silicone: BYK-023 BYK-1610											
Plasters		Mineral oil based: BYK-038 Silicone: BYK-044 BYK-023	Silicone-free: BYK-014 BYK-1640	OPTIGEL-CK OPTIGEL-W 724 OPTIGEL-WX							AQUACER 497 AQUACER 539		
Silicate Paints		Mineral oil based: BYK-038	Silicone-free: BYK-014 BYK-1640	DISPERBYK-187 BYK-154 ANTI-TERRA-250	OPTIGEL-CK			AQUACER 539 AQUACER 533 AQUACER 537			AQUACER 497 AQUACER 539		

First recommendation

Second recommendation

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

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

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



ANTI-TERRA®, BYK®, BYK®-DYNWET®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, DISPERBYK®, DISPERPLAST®, LACTIMON®, NANOBYPK®, PAPERBYK®, SILBYK®, VISCOBYK®, and Greenability® are registered trademarks of BYK-Chemie. ACTAL®, ADJUST®, ADVITROL®, ASTRABEN®, BENTOLITE®, CLAYTONE®, CLOISITE®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, LAPONITE®, MINERAL COLLOID®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PURE THIX®, RHEOCIN®, RHEOTIX®, RIC-SYN®, TIXOGEL®, and VISCOSEAL® are registered trademarks of BYK Additives. AQUACER®, AQUAMAT®, AQUATIX®, CERACOL®, CERAFAK®, CERAFLLOUR®, CERAMAT®, CERATIX®, HORDAMER®, and MINERPOL® are registered trademarks of BYK-Cera. SCONA® is a registered trademark of BYK Kometra.

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