



Additive Selection Chart L-AG 1.4

Wood and Furniture Coatings

November 2015

Wood and Furniture Coatings

Conventional Curing

	Wetting and Stabilization of Pigments/ Matting Agents	Anti-settling	Substrate Wetting	Leveling	Surface Slip	Anti-slip	Tape Release	Easy-to-clean	Mechanical Resistance	Defoaming	Matting	Orientation of Silica Matting Agents	Curtain Stability	Anti-blocking	Texture
Solvent-borne	DISPERBYK-103 DISPERBYK-118 DISPERBYK-2155 DISPERBYK-2055	BYK-7410 ET TIXOGEL-MP 100 TIXOGEL-MP 250 Wax: CERAMAT 258	BYK-333 BYK-378 BYK-306	Silicone: BYK-331 BYK-378 BYK-306 Silicone-free: BYK-358 N	Silicone: BYK-333 BYK-378 BYK-370 Wax: CERAFLOUR 988	CERAFLOUR 970	BYK-333 BYK-377** BYK-370	BYK-SILCLEAN 3700**	NANOBYK-3610* NANOBYK-3650 Wax: CERAFLOUR 929 CERAFLOUR 988 CERAFLOUR 996	Silicone: BYK-065 BYK-066 N BYK-141 BYK-077 Silicone-free: BYK-052 N	CERAFLOUR 920 CERAFLOUR 929 CERAFLOUR 988 CERAFLOUR 1000	BYK-320 BYK-323 BYK-378	BYK-306 BYK-378	CERAFLOUR 929	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916
Aqueous	DISPERBYK-2010 DISPERBYK-2015 DISPERBYK-190 DISPERBYK-199 DISPERBYK-2055	BYK-425 BYK-7420 ES LAPONITE-S 482 OPTIFLO-H 370 VF Wax: AQUATIX 8421	BYK-348 BYK-349 BYK-3455 BYK-346	Silicone: BYK-378 BYK-3455 BYK-342 Silicone-free: BYK-DYNWET 800 N BYKETOL-AQ	Silicone: BYK-333 BYK-342 BYK-378 Wax: AQUACER 539	AQUACER 593	BYK-333	BYK-SILCLEAN 3720**	NANOBYK-3620 Wax: CERAFLOUR 929 AQUACER 513 AQUAMAT 272	Silicone: BYK-024 BYK-093 BYK-019 BYK-094 Silicone-free: BYK-012 BYK-1710 BYK-1711	CERAFLOUR 920 CERAFLOUR 1000 AQUAMAT 208 AQUAMAT 272 CERAFLOUR 929	BYK-333	BYK-307	AQUACER 539 CERAFLOUR 929 AQUAMAT 272	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916

Radiation Curing

Solvent-free (100 %)	DISPERBYK-2008 DISPERBYK-2055 DISPERBYK-2155 BYKJET-9150 DISPERBYK-111	BYK-7410 ET GARAMITE-1958 GARAMITE-7303	BYK-UV 3500** BYK-UV 3505** BYK-UV 3575** BYK-378	Silicone: BYK-3455 BYK-UV 3575** BYK-UV 3576** BYK-349 BYK-UV 3535** Silicone-free: BYK-361 N	Silicone: BYK-333 BYK-378 BYK-UV 3500** BYK-UV 3505** BYK-UV 3575** Wax: CERAFLOUR 988	Silicone: BYK-UV 3535** Wax: CERAFLOUR 970	BYK-UV 3500** BYK-UV 3505** BYK-378 BYK-UV 3575**	BYK-UV 3500**	NANOBYK-3601* NANOBYK-3605* Wax: CERAFLOUR 929 CERAFLOUR 988 CERAFLOUR 996	Silicone: BYK-1798 BYK-088 BYK-A 530 Silicone-free: BYK-055 BYK-1790 BYK-1791 BYK-1794	CERAFLOUR 920 CERAFLOUR 1000 CERAFLOUR 929 CERAFLOUR 950 CERAFLOUR 988	BYK-UV 3500** BYK-UV 3505** BYK-378	BYK-307		CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916
Aqueous	DISPERBYK-2015 DISPERBYK-2055 DISPERBYK-190 DISPERBYK-191	BYK-7420 ES LAPONITE-S 482 OPTIFLO-H 370 VF Wax: AQUATIX 8421	BYK-349 BYK-3455 BYK-UV 3500**	BYK-3455 BYK-333	BYK-333 BYK-UV 3500** Wax: AQUACER 539	AQUACER 593	BYK-377** BYK-333 BYK-UV 3500**	BYK-UV 3500**	NANOBYK-3603* NANOBYK-3620* Wax: CERAFLOUR 929 AQUAMAT 272	BYK-093 BYK-094 BYK-024 BYK-028	CERAFLOUR 920 CERAFLOUR 1000 AQUAMAT 208 AQUAMAT 272 CERAFLOUR 929	BYK-333	BYK-307	AQUACER 539 CERAFLOUR 929 AQUAMAT 272	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916

First recommendation

Second recommendation

* to be combined with a polysiloxane additive such as BYK-UV 3500

** contains functional groups

Decorative Foil Systems

Conventional Curing

	Wetting and Stabilization of Matting Agents	Anti-settling	Substrate Wetting	Leveling	Surface Slip	Tape Release	Easy-to-clean	Mechanical Resistance	Defoaming	Matting	Orientation of Silica Matting Agents	Texture
Solvent-borne	DISPERBYK-103 BYK-P 104	BYK-7410 ET	BYK-306 BYK-333 BYK-378	Silicone: BYK-331 BYK-378 Silicone-free: BYK-358 N	Silicone: BYK-333 BYK-378 BYK-370 Wax: CERAFLOUR 988	BYK-377** BYK-394** BYK-SILCLEAN 3700**	BYK-SILCLEAN 3700**	NANOBYK-3650 Wax: CERAFLOUR 929 CERAFLOUR 988 CERAFLOUR 996	Silicone: BYK-066 N Silicone-free: BYK-052 N	CERAFLOUR 920 CERAFLOUR 1000 CERAFLOUR 929 CERAFLOUR 988	BYK-323 BYK-378	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916
Aqueous	DISPERBYK-2015	BYK-425 BYK-7420 ES Wax: AQUATIX 8421	BYK-349 BYK-3455 BYK-348	Silicone: BYK-3455 Silicone-free: BYKETOL-AQ	Silicone: BYK-333 BYK-378 BYK-UV 3500**	BYK-394 BYK-SILCLEAN 3720**	BYK-SILCLEAN 3720**	NANOBYK-3620 Wax: CERAFLOUR 929 AQUACER 513 AQUAMAT 272	Silicone: BYK-093 BYK-094 BYK-024 BYK-028	CERAFLOUR 920 CERAFLOUR 929 CERAFLOUR 1000 AQUAMAT 208 AQUAMAT 272	BYK-333 BYK-378	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916

Radiation Curing

Solvent-free (100 %)	DISPERBYK-2008	BYK-7410 ET	BYK-UV 3500** BYK-UV 3505** BYK-UV 3575** BYK-349 BYK-378	Silicone: BYK-3455 BYK-UV 3575** BYK-UV 3576** Silicone-free: BYK-361 N	Silicone: BYK-378 BYK-UV 3500** BYK-UV 3505** BYK-UV 3575** BYK-333	BYK-UV 3500** BYK-UV 3505** BYK-378 BYK-UV 3575**	BYK-UV 3500** BYK-UV 3505**	NANOBYK-3601* NANOBYK-3605* Wax: CERAFLOUR 925 CERAFLOUR 929 CERAFLOUR 996	Silicone: BYK-088 BYK-1798 Silicone-free: BYK-055 BYK-1790 BYK-1791 BYK-1794	CERAFLOUR 920 CERAFLOUR 929 CERAFLOUR 950 CERAFLOUR 1000	BYK-UV 3505** BYK-UV 3575**	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916
----------------------	----------------	-------------	---	--	--	--	--------------------------------	---	---	---	--------------------------------	--

First recommendation

Second recommendation

* to be combined with a polysiloxane additive such as BYK-UV 3500

** contains functional groups

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