



Additive Selection Chart L-AG 1.4

Wood and Furniture Coatings

December 2018



Wood and Furniture Coatings

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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-2013 DISPERBYK-2155 DISPERBYK-2159 DISPERBYK-2152	RHEOBYK-7410 ET CLAYTONE-40 CLAYTONE-HY RHEOBYK-410 Wax: CERAMAT 258	BYK-333 BYK-378 BYK-3760 BYK-306	Silicone: BYK-331 BYK-378 BYK-3760 BYK-306 Silicone-free: BYK-358 N BYK-361 N	Silicone: BYK-333 BYK-378 BYK-3760 BYK-333 BYK-370 Wax: CERAFLOUR 988	CERAFLOUR 970	BYK-377** BYK-3760 BYK-333 BYK-370	BYK-SILCLEAN 3700**	NANOBYK-3610* NANOBYK-3650 Wax: CERAFLOUR 929 N CERAFLOUR 988 CERAFLOUR 996	Silicone: BYK-065 BYK-066 N BYK-141 BYK-1799 BYK-077 Silicone-free: BYK-052 N BYK-1788	CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 988 CERAFLOUR 994 CERAFLOUR 1000	BYK-320 BYK-323 BYK-378 BYK-3760	BYK-306 BYK-378	CERAFLOUR 929 N	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917
Aqueous	DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-2013 DISPERBYK-2015 DISPERBYK-2081 DISPERBYK-190 DISPERBYK-2080	LAPONITE-S 482 RHEOBYK-7420 ES RHEOBYK-H 3300 VF RHEOBYK-H 7500 VF RHEOBYK-H 7625 VF Wax: AQUATIX 8421	BYK-348 BYK-349 BYK-3455 BYK-3456 BYK-346	Silicone: BYK-378 BYK-3455 BYK-3456 BYK-342 Silicone-free: BYK-DYNWET 800 N BYKETOL-AQ	Silicone: BYK-333 BYK-378 BYK-3760 BYK-342 BYK-378 Wax: AQUACER 539	AQUACER 593	BYK-333 BYK-SILCLEAN 3720	BYK-SILCLEAN 3720**	NANOBYK-3620 Wax: CERAFLOUR 927 N CERAFLOUR 929 N AQUACER 513 AQUAMAT 272 N	Silicone: BYK-024 BYK-093 BYK-1781 BYK-1786 BYK-019 BYK-028 BYK-094 Silicone-free: BYK-012 BYK-1710 BYK-1711	CERAFLOUR 920 CERAFLOUR 1000 AQUAMAT 208 AQUAMAT 272 N CERAFLOUR 927 N CERAFLOUR 929 N	BYK-333	BYK-307	AQUACER 539 CERAFLOUR 927 N CERAFLOUR 929 N AQUAMAT 272 N	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917

Radiation Curing

Solvent-free (100%)	DISPERBYK-2008 DISPERBYK-2013 DISPERBYK-2155 DISPERBYK-2158 DISPERBYK-2159 DISPERBYK-111	RHEOBYK-410 GARAMITE-1958 GARAMITE-7303 RHEOBYK-7410 ET	BYK-3760 BYK-UV 3500** BYK-UV 3505** BYK-378	Silicone: BYK-3455 BYK-3456 BYK-UV 3535** BYK-349 Silicone-free: BYK-361 N	Silicone: BYK-333 BYK-378 BYK-3760 BYK-UV 3500** BYK-UV 3505** Wax: CERAFLOUR 988	Silicone: BYK-UV 3535** Wax: CERAFLOUR 970	BYK-UV 3500** BYK-UV 3505** BYK-378 BYK-3760	BYK-UV 3500**	NANOBYK-3601* NANOBYK-3605* Wax: CERAFLOUR 929 N CERAFLOUR 988 CERAFLOUR 996	Silicone: BYK-1798 BYK-1799 BYK-088 BYK-A 530 Silicone-free: BYK-1788 BYK-1790 BYK-1791 BYK-1794	CERAFLOUR 920 CERAFLOUR 1000 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 988	BYK-3760 BYK-UV 3500** BYK-378	BYK-307		CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917
Aqueous	DISPERBYK-2012 DISPERBYK-2013 DISPERBYK-2015 DISPERBYK-190	RHEOBYK-7420 ES LAPONITE-S 482 RHEOBYK-H 3300 VF Wax: AQUATIX 8421	BYK-349 BYK-3455 BYK-3456 BYK-UV 3500**	BYK-3455 BYK-3456 BYK-333 Silicone-free: BYKETOL-AQ	BYK-333 BYK-3760 BYK-UV 3500** Wax: AQUACER 539	AQUACER 593	BYK-377** BYK-333 BYK-UV 3500**	BYK-UV 3500**	NANOBYK-3603* NANOBYK-3620* Wax: CERAFLOUR 927 N CERAFLOUR 929 N AQUAMAT 272 N	BYK-093 BYK-094 BYK-1781 BYK-1786 BYK-024 BYK-028	CERAFLOUR 920 CERAFLOUR 1000 AQUAMAT 208 AQUAMAT 272 N CERAFLOUR 927 N CERAFLOUR 929 N	BYK-333	BYK-307	AQUACER 539 CERAFLOUR 927 N CERAFLOUR 929 N AQUAMAT 272 N	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917

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 DISPERBYK-2159 BYK-P 104	RHEOBYK-410 RHEOBYK-7410 ET	BYK-306 BYK-333 BYK-378 BYK-3760	Silicone: BYK-331 BYK-378 Silicone-free: BYK-358 N BYK-361 N	Silicone: BYK-333 BYK-378 BYK-3760 BYK-370 Wax: CERAFLOUR 988	BYK-377** BYK-394** BYK-SILCLEAN 3700**	BYK-SILCLEAN 3700**	NANOBYK-3650 Wax: CERAFLOUR 929 N CERAFLOUR 988 CERAFLOUR 996	Silicone: BYK-066 N BYK-1799 Silicone-free: BYK-052 N BYK-1788	CERAFLOUR 920 CERAFLOUR 1000 CERAFLOUR 929 N CERAFLOUR 988	BYK-323 BYK-378 BYK-3760	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917
Aqueous	DISPERBYK-2012 DISPERBYK-2013	RHEOBYK-7420 ES RHEOBYK-H 7500 VF RHEOBYK-H 3300 VF RHEOBYK-H 7625 VF Wax: AQUATIX 8421	BYK-349 BYK-3455 BYK-3456 BYK-348	Silicone: BYK-3455 BYK-3456 Silicone-free: BYKETOL-AQ	Silicone: BYK-333 BYK-378 BYK-3760 BYK-UV 3500**	BYK-394** BYK-SILCLEAN 3720**	BYK-SILCLEAN 3720**	NANOBYK-3620 Wax: CERAFLOUR 927 N CERAFLOUR 929 N AQUACER 513 AQUAMAT 272 N	Silicone: BYK-093 BYK-094 BYK-1781 BYK-1786 BYK-024 BYK-028	CERAFLOUR 920 CERAFLOUR 927 N CERAFLOUR 929 N CERAFLOUR 1000 AQUAMAT 208 AQUAMAT 272 N	BYK-333 BYK-378	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917

Radiation Curing

Solvent-free (100%)	DISPERBYK-2008 DISPERBYK-2158 DISPERBYK-2159	RHEOBYK-410 RHEOBYK-7410 ET	BYK-UV 3500** BYK-UV 3505** BYK-349 BYK-378	Silicone: BYK-3455 BYK-3456 BYK-UV 3535 Silicone-free: BYK-361 N	Silicone: BYK-378 BYK-3760 BYK-UV 3500** BYK-UV 3505** BYK-333	BYK-UV 3500** BYK-UV 3505** BYK-378	BYK-UV 3500** BYK-UV 3505**	NANOBYK-3601* NANOBYK-3605* Wax: CERAFLOUR 925 CERAFLOUR 929 N CERAFLOUR 996	Silicone: BYK-088 BYK-1798 BYK-1799 Silicone-free: BYK-1788 BYK-1790 BYK-1791 BYK-1794	CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 CERAFLOUR 1000	BYK-UV 3505**	CERAFLOUR 913 CERAFLOUR 914 CERAFLOUR 915 CERAFLOUR 916 CERAFLOUR 917
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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

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