



Additive Selection Chart L-AG 1.2.1

Aqueous Industrial Coatings

January 2019



Industrial Coatings

Aqueous Industrial Coatings

| | Emulsion Systems Alkyd/Acrylic/PU | Hybrids | Water Reducible Systems | 2-pack Polyurethanes | 2-pack Epoxies | UV Curing Systems |
|--|--|---|---|--|--|--|
| Pigment Stabilization, Anti-flood, Anti-float | Pigments for primers: DISPERBYK-2080 ANTI-TERRA-250 Inorganic pigments and extenders: DISPERBYK-180 DISPERBYK-2080 Organic and inorganic pigments: DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-190 DISPERBYK-2055 Aluminum effect pigments: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060 Pearlescent pigments: DISPERBYK-180 DISPERBYK-190 DISPERBYK-192 | Pigments for primers: DISPERBYK-2080 ANTI-TERRA-250 DISPERBYK-180 Inorganic pigments and extenders: DISPERBYK-180 DISPERBYK-2080 Organic and inorganic pigments: DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-190 DISPERBYK-2055 Aluminum effect pigments: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060 Pearlescent pigments: DISPERBYK-180 DISPERBYK-190 DISPERBYK-192 | Pigments for primers: DISPERBYK-2080 ANTI-TERRA-250 DISPERBYK-180 Inorganic pigments and extenders: DISPERBYK-180 DISPERBYK-2080 Organic and inorganic pigments: DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-190 DISPERBYK-2055 Aluminum effect pigments: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060 Pearlescent pigments: DISPERBYK-180 DISPERBYK-190 DISPERBYK-192 | Pigments for primers: DISPERBYK-2080 ANTI-TERRA-250 DISPERBYK-180 Inorganic pigments and extenders: DISPERBYK-180 DISPERBYK-2080 Organic and inorganic pigments: DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-190 DISPERBYK-194 N DISPERBYK-2055 Aluminum effect pigments: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060 Pearlescent pigments: DISPERBYK-180 DISPERBYK-190 DISPERBYK-192 | Pigments for primers: DISPERBYK-2080 ANTI-TERRA-250 DISPERBYK-180 Inorganic pigments and extenders: DISPERBYK-180 DISPERBYK-2080 Organic and inorganic pigments: DISPERBYK-2010 DISPERBYK-2080 DISPERBYK-190 DISPERBYK-194 N Aluminum effect pigments: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060 Pearlescent pigments: DISPERBYK-180 DISPERBYK-190 DISPERBYK-192 | Inorganic pigments and extenders: DISPERBYK-180 Organic and inorganic pigments: DISPERBYK-2010 DISPERBYK-2012 DISPERBYK-190 DISPERBYK-2055 Aluminum effect pigments: DISPERBYK-180 DISPERBYK-192 DISPERBYK-2060 Pearlescent pigments: DISPERBYK-180 DISPERBYK-190 DISPERBYK-192 |
| Rheology Modifier Anti-settling, Anti-sagging | OPTIGEL-W 724 OPTIGEL-WX RHEOBYK-D 420 RHEOBYK-H 7625 VF RHEOBYK-L 1400 RHEOBYK-H 3300 VF | OPTIGEL-W 724 OPTIGEL-WX RHEOBYK-D 420 RHEOBYK-H 3300 VF RHEOBYK-H 7625 VF RHEOBYK-L 1400 | OPTIGEL-W 724 OPTIGEL-WX RHEOBYK-D 420 | OPTIGEL-W 724 OPTIGEL-WX RHEOBYK-D 420 RHEOBYK-H 7625 VF RHEOBYK-L 1400 RHEOBYK-H 3300 VF | OPTIGEL-W 724 OPTIGEL-WX RHEOBYK-D 420 RHEOBYK-440 | BYK-D 420 OPTIFLO-H 7625 VF OPTIFLO-L 1400 |
| Orientation of Effect Pigments | AQUATIX 8421 AQUACER 526 RHEOBYK-440 | AQUATIX 8421 AQUACER 526 | AQUATIX 8421 AQUACER 526 | AQUATIX 8421 AQUACER 526 RHEOBYK-440 | | AQUATIX 8421 AQUACER 526 |
| Leveling | BYK-3455 BYK-327 BYK-381 BYKETOL-AQ | BYK-3455 BYK-327 BYK-381 BYKETOL-AQ | BYK-3441 BYK-3455 BYK-327 BYK-381 BYKETOL-AQ | BYK-3441 BYK-3455 BYK-327 BYK-381 BYKETOL-AQ | BYK-3455 BYK-327 BYK-381 BYKETOL-AQ | BYK-3441 BYK-327 BYK-381 BYKETOL-AQ |
| Substrate Wetting | BYK-348 BYK-349 BYK-346 BYK-3455 | BYK-348 BYK-349 BYK-346 BYK-3455 | BYK-348 BYK-349 BYK-346 BYK-3455 | BYK-348 BYK-349 BYK-346 BYK-3455 | BYK-348 BYK-349 BYK-346 BYK-3455 | BYK-348 BYK-349 BYK-346 BYK-3455 |
| Surface Slip | BYK-378 BYK-3760 BYK-307 BYK-333 | BYK-378 BYK-3760 BYK-307 BYK-333 | BYK-378 BYK-3760 BYK-307 BYK-333 | BYK-378 BYK-3760 BYK-307 BYK-333 | BYK-378 BYK-3760 BYK-307 BYK-333 | BYK-378 BYK-3760 BYK-307 BYK-333 |
| Scratch Resistance | CERAFLOUR 925 N CERAFLOUR 929 N | CERAFLOUR 925 N CERAFLOUR 929 N CERAFLOUR 920 | CERAFLOUR 925 N CERAFLOUR 929 N | CERAFLOUR 925 N CERAFLOUR 929 N AQUAMAT 272 N | | |
| Defoaming | Silicone-based: BYK-024 BYK-093 BYK-019 BYK-022 Silicone-free: BYK-011 BYK-1640 BYK-1710 | Silicone-based: BYK-024 BYK-093 BYK-019 BYK-022 Silicone-free: BYK-011 | Silicone-based: BYK-019 BYK-022 BYK-1798 Silicone-free: BYK-011 BYK-015 | Silicone-based: BYK-024 BYK-093 BYK-1785 BYK-1786 Silicone-free: BYK-011 BYK-015 | Silicone-based: BYK-024 BYK-024 Silicone-free: BYK-011 BYK-1640 BYK-1710 | Silicone-based: BYK-019 BYK-093 Silicone-free: BYK-011 |
| Anti-popping | | BYKETOL-AQ BYKETOL-WA | BYKETOL-AQ BYKETOL-WA | BYKETOL-AQ BYKETOL-WA | | |
| Gloss Reduction | AQUAMAT 272 N CERAFLOUR 920 CERAFLOUR 929 N | CERAFLOUR 920 CERAFLOUR 929 N CERAFLOUR 950 | AQUAMAT 272 N CERAFLOUR 929 N CERAFLOUR 920 | AQUAMAT 272 N CERAFLOUR 920 CERAFLOUR 929 N | | AQUAMAT 272 N CERAFLOUR 929 N CERAFLOUR 920 |
| 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 | AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 920 CERAFLOUR 929 N | AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 920 CERAFLOUR 929 N | AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 920 CERAFLOUR 929 N | AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 920 CERAFLOUR 929 N | | AQUAMAT 272 N CERAFLOUR 913 CERAFLOUR 920 CERAFLOUR 929 N |
| Easy Cleaning Properties | BYK-SILCLEAN 3720* | BYK-SILCLEAN 3720* | BYK-SILCLEAN 3720* | BYK-SILCLEAN 3720 | | |
| Adhesion Promoter for Metal | BYK-4509* | BYK-4509* | BYK-4509* | BYK-4509 | | |

First recommendation Second recommendation *for baking systems

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

www.byk.com

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Additive Guide



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This issue replaces all previous versions – Printed in Germany