

AUTOMOTIVE REFINISH COATINGS

Product recommendations for waterborne, solventborne, and high solids/solvent-free automotive refinish coatings

| LAYER | SYSTEM | DEFOAMING | DEAERATING | FLOW & LEVELING | SUBSTRATE WETTING / ANTI-CRATERING | PIGMENT WETTING & DISPERSING | RHEOLOGY CONTROL & ANTI-SETTLING | MATTING AGENTS | RESINS & CO-BINDERS |
|-----------------|--|--|---|--|---|---|--|---|---|
| FILLER | Waterborne | SURFYNOL® MD-20 TEGO® Foamex 8820 | AIRASE® 8070 SURFYNOL® MD-20 TEGO® Airex 901 W | DYNOL™ 360 SURFYNOL® 465 TEGO® Wet 270 | TEGO® Wet 500 SURFYNOL® 2502 CARBOWET® 106 | TEGO® Dispers 752 W ZETASPERSE® 3100 ZETASPERSE® 179 | AEROSIL® E 972* ● AERODISP® WF 7620 | ACEMATT® TS 100 ACEMATT® OK 412 ACEMATT® OK 520 | TEGO® AddBond DS 1300 TEGO® Variplus DS 50 |
| | Solventborne, High Solids & Solvent-Free | TEGO® Airex 944 TEGO® Airex 990 TEGO® Airex 991 | TEGO® Airex 944 TEGO® Airex 990 TEGO® Airex 991 | TEGO® Flow 300 TEGO® Flow 370 TEGO® Flow 425 | DYNOL™ 980 SURFYNOL® 420 TEGO® Wet 270 | TEGO® Dispers 628 TEGO® Dispers 652 TEGO® Dispers 670 | AEROSIL® 200 AEROSIL® E 972* ● AEROSIL® R 974 | ACEMATT® TS 100 ACEMATT® OK 412 ACEMATT® 3300 | TEGO® AddBond LTW TEGO® AddBond LTH TEGO® AddBond LTW-B |
| | UV | SURFYNOL® AD01 [2] TEGO® Rad 2500 [5] | SURFYNOL® AD01 [2] | TEGO® Rad 2100 [5] DYNOL™ 980 | SURFYNOL® 2502 TEGO® Wet 270 TEGO® Rad 2100 [5] | TEGO® Dispers 685 | AEROSIL® E 972* ● AEROSIL® R 974 | ACEMATT® OK 412 ACEMATT® 3600 ACEMATT® 3300 | TEGO® AddBond LP 1600 TEGO® AddBond LP 1611 TEGO® AddBond LTH |
| PRIMER/SURFACER | Waterborne | SURFYNOL® AD01 [2] TEGO® Foamex 830 | SURFYNOL® AD01 [2] AIRASE® 8070 TEGO® Airex 902 W | DYNOL™ 980 SURFYNOL® 2502 SURFYNOL® 420 | DYNOL™ 800 TEGO® Wet 270 SURFYNOL® 440 SURFYNOL® 104 [1] | TEGO® Dispers 653 TEGO® Dispers 752 W ZETASPERSE® 3100 | AEROSIL® E 972* ● AEROSIL® R 974 AERODISP® WF 7620 | ACEMATT® TS 100 ACEMATT® OK 412 ACEMATT® 3300 | TEGO® AddBond DS 1300 TEGO® Variplus DS 50 |
| | Solventborne, High Solids & Solvent-Free | SURFYNOL® AD01 [2] [4] TEGO® Airex 922 [4] TEGO® Airex 944 | AIRASE® 8070 TEGO® Airex 920 TEGO® Airex 991 [4] | TEGO® Flow 300 TEGO® Flow 375 TEGO® Flow ZFS 460 DYNOL™ 980 [4] | TEGO® Wet 270 DYNOL™ 360 DYNOL™ 800 SURFYNOL® 420 | TEGO® Dispers 628 TEGO® Dispers 652 [3] TEGO® Dispers 670 | AEROSIL® 200 AEROSIL® R 972 | ACEMATT® TS 100 ACEMATT® OK 520 ACEMATT® OK 412 | TEGO® AddBond LP 1600 SILIKOTOP® E 901 TEGO® AddBond LTW TEGO® AddBond LTW-B |
| | UV | SURFYNOL® AD01 [2] TEGO® Rad 2500 [5] | SURFYNOL® AD01 [2] | TEGO® Rad 2100 [5] DYNOL™ 980 [4] | TEGO® Wet 270 SURFYNOL® 2502 TEGO® Rad 2100 [5] | TEGO® Dispers 685 | AEROSIL® R 974 AEROSIL® 200 AEROSIL® R 972 | ACEMATT® OK 412 ACEMATT® 3600 ACEMATT® 3300 | TEGO® AddBond LP 1600 TEGO® AddBond LP 1611 TEGO® AddBond LTH |

* where high-shear milling is available, corresponding AEROSIL® R grade can be used

[1] Available in different solvent cuts [2] Use SURFYNOL® 107 L if you experience handling issues [3] Not recommended for high solids/solvent-free [4] Especially for high solids/solvent-free [5] Check re-coatability before use

● new product

AUTOMOTIVE REFINISH COATINGS

Product recommendations for waterborne, solventborne, and high solids/solvent-free automotive refinish coatings

| LAYER | SYSTEM | DEFOAMING | DEAERATING | FLOW & LEVELING | SUBSTRATE WETTING/ ANTI-CRATERING | PIGMENT WETTING & DISPERSING | RHEOLOGY CONTROL & ANTI-SETTLING | MATTING AGENTS | RESINS & CO-BINDERS |
|------------|--|--|--|--|---|--|---|---|---|
| BASE COAT | Waterborne | SURFYNOL® AD01 [2] TEGO® Foamex 805 N TEGO® Foamex 825 | SURFYNOL® AD01 [2] SURFYNOL® 118 ● TEGO® Airex 902 W | DYNOL™ 360 SURFYNOL® 2502 TEGO® Glide 496 | SURFYNOL® 104 [1] TEGO® Wet 270 TEGO® Twin 4100 TEGO® Wet 296 ● SURFYNOL® 118 ● | ZETASPERSE® 3800 TEGO® Dispers 757 W ZETASPERSE® 3600 TEGO® Dispers 752 W CARBOWET® GA-211 | AEROSIL® R 974 AEROSIL® 200 AERODISP® WF 7620 AEROSIL® E 972* ● | | TEGO® AddBond DS 1300 TEGO® Variplus DS 50 |
| | Solventborne, High Solids & Solvent-Free | TEGO® Airex 910 TEGO® Airex 922 | TEGO® Airex 920 TEGO® Airex 921 TEGO® Airex 990 [3] | TEGO® Flow 300 TEGO® Flow 380 ● TEGO® Glide 496 TEGO® Glide 450 DYNOL™ 800 | TEGO® Glide 496 TEGO® Glide 450 DYNOL™ 800 TEGO® Wet 270 | TEGO® Dispers 670 TEGO® Dispers 710 TEGO® Dispers 676 [3] | AEROSIL® 200 AEROSIL® E 972* ● AEROSIL® R 974 | | TEGO® AddBond LTW-B [3] TEGO® AddBond LTH [3] TEGO® AddBond LP 1600 [4] TEGO® AddBond LP 1611 [4] |
| | UV | TEGO® Airex 971 TEGO® Airex 920 TEGO® Airex 921 | | | | TEGO® Dispers 690 TEGO® Dispers 688 | | | |
| CLEAR COAT | Waterborne | SURFYNOL® AD01 [2] TEGO® Foamex 805 N TEGO® Foamex 825 | SURFYNOL® AD01 [2] TEGO® Airex 902 W SURFYNOL® 118 ● | TEGO® Glide 496 TEGO® Glide 450 TEGO® Flow 425 DYNOL™ 980 | TEGO® Wet 240 DYNOL™ 607 SURFYNOL® 104 [1] | ZETASPERSE® 3800 TEGO® Dispers 752 W | AEROSIL® R 974 AERODISP® WF 7620 AEROSIL® E 972* ● | ACEMATT® TS 100 ACEMATT® 3300 ACEMATT® OK 390 ● ACEMATT® HK 390 ● ACEMATT® HK 520 ● | TEGO® AddBond DS 1300 |
| | Solventborne, High Solids & Solvent-Free | TEGO® Airex 910 [4] TEGO® Airex 922 [4] | TEGO® Airex 920 TEGO® Airex 921 TEGO® Airex 990 TEGO® Airex 991 [3] | TEGO® Flow 300 TEGO® Flow 380 ● TEGO® Glide 496 TEGO® Glide 450 DYNOL™ 800 | TEGO® Wet 270 [3] SURFYNOL® 420 [4] TEGO® Glide 450 TEGO® Glide 496 | TEGO® Dispers 688 | AEROSIL® E 805* ● AEROSIL® E 812* ● AEROSIL® E 972* ● AEROSIL® R 974 | ACEMATT® TS 100 ACEMATT® 3300 ACEMATT® OK 390 ● ACEMATT® HK 390 ● ACEMATT® HK 520 ● | TEGO® AddBond HS TEGO® AddBond LP 1600 TEGO® AddBond LP 1611 [4] TEGO® AddBond LTW-B [3] SILIKOTOP® E 901 SILIKOTOP® E 900 [3] |
| | UV | TEGO® Airex 920 TEGO® Airex 921 TEGO® Airex 971 | TEGO® Airex 920 TEGO® Airex 990 TEGO® Rad 2500 | TEGO® Rad 2100 TEGO® Rad 2300 TEGO® Wet 270 TEGO® Glide 496 | TEGO® Rad 2100 TEGO® Rad 2300 TEGO® Glide 496 SURFYNOL® 440 | TEGO® Dispers 688 TEGO® Dispers 689 | AEROSIL® E 972* ● AEROSIL® R 974 | ACEMATT® 3600 ACEMATT® 3300 ACEMATT® OK 390 ● ACEMATT® HK 390 ● | TEGO® AddBond LTH [3] TEGO® AddBond LP 1600 TEGO® AddBond LP 1611 [4] |

* where high-shear milling is available, corresponding AEROSIL® R grade can be used

[1] Available in different solvent cuts [2] Use SURFYNOL® 107 L if you experience handling issues [3] Not recommended for high solids/solvent-free [4] Especially for high solids/solvent-free

● new product

DISCLAIMER

ACEMATT®, ADDID®, AERODISP®, AEROSIL®, AIRASE®, ALBIDUR®, CARBOWET®, DYNOL™, NANOCRYL®, NANOPOL®, NANOPOX®, SILIKOFTAL®, SILIKOPHEN®, SILIKOPON®, SILIKOPUR®, SILIKOTOP®, SIPERNAT®, SPHERILEX®, SURFYNOL®, TEGO®, TEGOMER®, ZETASPERSE® are registered trademarks of EVONIK INDUSTRIES AG or one of its subsidiary companies and are written in capital letters. This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments.

