PRODUCT DATA SHEET
REDUCERS
TOPCOAT – SPECIAL PURPOSE – PRIMER

General Information

All of the listed reducers for Awlgrip, Awlcraft 2000 and Awlcraft SE Topcoats can be blended with each other in any ratio to fine tune flow and evaporation rates. Most Awlgrip and Awlcraft 2000 Topcoats recommend up to 25% reduction. The reduction percentage is calculated from the combined total of the base component and converter component. Mixing a quart of base and a quart of converter yields 2 quarts of mixed base and converter: 25% would be 1/2 quart of reducer.

Examples of total mix quantities for 1:1 and 2:1 base to converter ratios are as follows:

1:1 mix materials Awlgrip Topcoat Spray, 545 Primer, etc.

Reduction:	25%
Color Base	12 oz.
Converter	12 oz.
Reducer	6 oz.
Total Mix	30 oz.

2:1 mix materials: Awlgrip Topcoat Brush (10-33% reduction), Awlcraft 2000 Topcoat Spray (up to 25% reduction)

Reduction:	25%	30%	33%
Color Base	12 oz.	12 oz.	12 oz.
Converter	6 oz.	6 oz.	6 oz.
Reducer	4.5 oz.	5.5 oz.	6 oz.
Total Mix	22.5 oz.	23.5 oz.	24 oz.

At higher temperatures, reducers evaporate faster. When painting in hot conditions increasing the amount of reducer in the mix by 5-10% will help compensate for this factor.

Topcoat Reducers

T0001
Fast Evaporating Reducer for Spray Applied Urethane Topcoats
Use T0001 in Awlgrip/Awlcraft 2000/Awlcraft SE Topcoats when application and cure temperatures are between **60-75°F (16-24°C)**. At 60-75°F (16-24°C), T0001 will keep the paint film open for good flow but evaporate fast enough to provide adequate dry and dust-free times.
VOC: 888 g/lt or 7.4 lbs/gallon

T0002
Fast Evaporating Reducer and Equipment Cleaner
Use T0002 in Awlgrip/Awlcraft 2000/Awlcraft SE Topcoats when application and cure temperatures are between 55-70°F (13-21°C). At 55-70°F (13-21°C), T0002 will keep the paint film open but evaporate fast enough to provide adequate dry and dust-free times. T0002 is also an excellent gun and equipment. T0002 can also be used in conjunction with T0005 at higher temperatures (> 90°F/32°C) to combat solvent popping. Use T0002 as the reducer for topcoats flattened with G3013 Flattening Agent and G2002 Awlgrip Flat Black for best finish development.
VOC: 806 g/lt or 6.7 lbs/gallon

T0003
Standard Reducer for Spray Applied Urethane Topcoats
Use T0003 in Awlgrip, Awlcraft 2000 and Awlcraft SE Topcoats when application and cure temperatures are between 70–90°F (21–32°C). T0003 will keep the paint film open but evaporate fast enough to provide adequate dry and dust–free times.

VOC: 930 g/lt or 7.8 lbs/gallon

T0005
Hot Weather Reducer for Urethane Topcoats
Use T0005 in Awlgrip, Awlcraft 2000 and Awlcraft SE Topcoats when application and cure temperatures are 90–105°F (32–41°C). T0005 is most often used as an additive, blended with other spray reducers to improve flow. T0005 is seldom the sole reducer. At lower temperatures (below 90°F/32°C) T0005 can be blended at any ratio with other Awlgrip topcoat reducers to improve flow with those products or increase the evaporation rate of T0005. T0005 has a very slow evaporation rate; using T0005 at temperatures below 75°F (24°C) may result in very long dry and tape times.
VOC: 975 g/lt or 8.1 lbs/gallon

Warning: Large amounts of T0005 in flat or semi-gloss products may result in higher gloss levels. Use care when adding T0005 to these products.

T0031
Brushing Reducer for Epoxy Primers and Urethane Topcoats
Use T0031 in Awlgrip Topcoats, 545 Epoxy Primer, and Awlquik Sanding Surfacer in brush/roller applications. T0031 evaporates very slowly, keeping the paint film open, maximizing flow and levelling while minimizing brush marks and roller stipple. For Awlgrip Topcoats, add T0031 at 10–33% of the total volume of the mixed color base and converter. Application and cure temperatures between 60–90°F (16–32°C) produce the best results, with 70–85°F (21–29°C) being the optimum. T0031 is not recommended for use in spray applications. If a “retarder” reducer is needed for spray application, T0005 should be used.
VOC: 940 g/lt or 7.8 lbs/gallon

Special Purpose Reducers

T0016
Reducer for Awlspar Varnish

T0016 is specially formulated as a brushing reducer for use in Awlspar varnishes.

It should not be used in any urethane or epoxy coating.

VOC: 782 g/lt or 6.5 lbs/gallon

T0101
Awlstar Gold Label Antifouling

T0101 is specially formulated for spray and brush/roll applications of Awlstar Gold Label Antifouling.

It should not be used in urethane or epoxy coatings.

VOC: 867 g/lt or 7.2 lbs/gallon

T0180

Spray Reducer for Awlspar Varnish

T0180 is specially formulated as a spray reducer for Awlspar varnish.

It should not be used in any urethane or epoxy coating.

VOC: 739 g/lt or 6.2 lbs/gallon

Primer Reducers

T0001

Usually used in Awlgrip, Awlcraft 2000 and Awlcraft SE Topcoats. T0001 is also recommended for use in Quik-Grip Primer and

Awlbrite Quik-Fil Clear.
VOC: 888 g/lt or 7.4 lbs/gallon

T0003

Usually used in spray applications of Awlgrip, Awlcraft 2000 and Awlcraft SE Topcoats. T0003 is also recommended for use in

Quik-Grip Primer and Awlbrite Quik-Fil Clear.

VOC: 930 g/lt or 7.8 lbs/gallon

T0006

Standard epoxy reducer for spray application of 545 Epoxy Primer, Awlquik, Sprayable Fairing Compound, Max Cor CF, High Build and Ultra Build Epoxy Primers. Also recommended for Hullgard Extra Epoxy Primer.

VOC: 850 g/lt or 7.1 lbs/gallon

T0031

Brushing reducer to be used when brushing or rollering 545 Epoxy Primer or Awlquik Primer

VOC: 940 g/lt or 7.8 lbs/gallon

T0073
Special reducer for Ultra Build Primer (D8008/D3018).
VOC: 836 g/lt or 7.0 lbs/gallon

T0176

A medium evaporating VOC exempt reducer (NA only) for High Build.

VOC: 0g/lt or 0 lbs/gallon