



**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/lit 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/lit 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/lit or 7.8 lbs/gallon

2270 Morris Avenue • Union, New Jersey 07083 • USA • Tel: 888.355.3090 • Fax: 908.686.1752
Bannerlaan 54 • B-2280 Grobbendonk • Belgium • Intl. Tel: 32.14.257770 • Intl. Fax: 32.14.230880
76 Waterway Drive • Coomera • QLD 4209 • Australia • Tel: 61.7.5573.9655 or 1800.007.866 • Fax: 61.7.5573.9677
686 Rosebank Road • Avondale • Auckland • New Zealand • Tel: 64.9.828.3009 or 0800.150.527 • Fax: 64.9.828.1129
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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/lit 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/lit or 7.8 lbs/gallon

Special Purpose Reducers

A0001

Spray Activator/Reducer for Awlbrite J3005/J3630

Use between temperatures of 70–85°F (21–29°C). A0001 should not be used in any epoxy primers or Awlgrip/Awlcraft 2000 Topcoats.

A0006

Spray Activator/Reducer for Awlbrite J3005/J3630

Use between temperatures of 60–80°F (16–27°C). A0006 should not be used in any epoxy primers or Awlgrip/Awlcraft 2000 Topcoats.

A0031

Brushing Activator/Reducer for Awlbrite Clear J3005/J3006.

A special blend of solvents and additives which is a required part of the Awlbrite Clear mix. A0031 contains additives which stabilize the pot life of the mixture and initiate cure of the product.

VOC: 863 g/lit or 7.2 lbs/gallon

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/lit 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.

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76 Waterway Drive • Coomera • QLD 4209 • Australia • Tel: 61.7.5573.9655 or 1800.007.866 • Fax: 61.7.5573.9677

686 Rosebank Road • Avondale • Auckland • New Zealand • Tel: 64.9.828.3009 or 0800.150.527 • Fax: 64.9.828.1129

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It should not be used in urethane or epoxy coatings.

VOC: 867 g/lit 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/lit 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/lit 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/lit 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/lit or 7.1 lbs/gallon

T0031

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

VOC: 940 g/lit or 7.8 lbs/gallon

T0073

Special reducer for Ultra Build Primer (D8008/D3018).

VOC: 836 g/lit or 7.0 lbs/gallon

T0176

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

VOC: 0g/lit or 0 lbs/gallon

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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